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REPORT NO. 91-03

ENVIRONMENTAL MONITORING
OF
AIRFLEX SHELTERS
IN OKINAWA



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Office of the Project Manager,
Ammunition Logistics
ATTN: AMCPM-AL
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U.S. ARMY ARMAMENT MUNITIONS

VALIDATION ENGINEERING DIVISION SAVANNA, ILLINOIS 61074-9639

CHEMICAL COMMAND

U.S. ARMY DEFENSE AMMUNITION

CENTER AND SCHOOL

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The U.S. Army Defense Ammunition Center and School (USADACS), Validation Engineering							
Division (SMCAC-DEV), was tasked by Office of the Project Manager, Ammunition Logistics							
(PM-AMMOLOG) to monitor the environmental conditions of ammunition stored in Airflex shelters at the							
83d Ordnance Battalion, Chibana Ammunition Supply Branch, Okinawa. A total of eight Airflex shelters							
were installed in Okinawa with four at Pad 42626 and four at Pad 42635. Three of the four Airflex shelters							
at each site were instrumented with one temperature/humidity probe per shelter. The probes were placed at							
the top, middle, and bottom of each of the three respective Airflex shelters. A temperature/humidity probe							
was also installed to monitor the ambient conditions that were occurring outside the Airflex shelters at each							
of the test sites. Results from the monitoring indicated that the Airflex shelters increased the temperature							
of the upper portion of the ammunition during exposure to solar radiation and failed to significantly reduce							
the humidity levels to which the ammunition was exposed. 20. DISTRIBUTION / AVAILABILITY OF ABSTRACT 21. ABSTRACT SECURITY CLASSIFICATION							
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U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL VALIDATION ENGINEERING DIVISION SAVANNA, IL. 61074-9639

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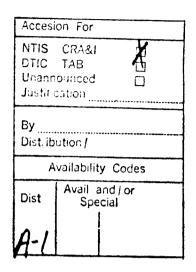
ENVIRONMENTAL MONITORING OF AIRFLEX SHELTERS IN OKINAWA

OCTOBER 1991

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PART 1

INTRODUCTION

- A. <u>BACKGROUND</u>. The U.S. Army Defense Ammunition Center and School (USADACS), Validation Engineering Division (SMCAC-DEV), was tasked by the Office of the Project Manager, Ammunition Logistics (PM-AMMOLOG) to monitor the environmental conditions of ammunition stored in Airflex shelters at the 83d Ordnance Battalion, Chibana Ammunition Supply Branch, Okinawa.
- B. <u>AUTHORITY</u>. The test was accomplished IAW mission responsibilities delegated by U.S. Army Armament Munitions and Chemical Command (AMCCOM), Rock Island, IL. Reference is made to the following:
- 1. Change 4, 4 October 1974, to AR740-1, 23 April 1973, Storage and Supply Activity Operation.
 - 2. AMCCOM-R 10-17, Mission and Major Functions of USADACS, 13 January 1986.
- C. <u>OBJECTIVE</u>. The objective of the environmental monitoring was to assess the capabilities of the Airflex shelters for use during open storage of ammunition.
- D. <u>CONCLUSION</u>. Results from the environmental monitoring indicated that the Airflex shelters increased the internal temperature of the upper portion of the ammunition when exposed to solar radiation and failed to significantly decrease the humidity to which the ammunition was exposed. Data collected during the monitoring of the Airflex shelters indicated that the upper portions of the ammunition at pad 42626 were being elevated up to 25 degrees Fahrenheit above the ambient temperature. The data also indicated that, on average, the daily humidity levels within the Airflex shelters at pad 42626 were between 70 and 85 percent and the shelters at pad

42635 were between 70 and 90 percent. The humidity levels were not as low as expected and were not as low as the humidity levels of Airflex shelters that were utilized by the U.S. Air Force in Guam.

PART 2

OCTOBER 1991

ATTENDEES

Quinn D. Hartman General Engineer

DSN 585-8992 815-273-8992

David V. Valant

Electronics Technician

DSN 585-8093 815-273-8093

Louis D. Bornstein

Supervisory Quality Assurance

Specialist (Ammunition Surveillance)

DSN 585-8845 815-273-8845

David L. Tipp

Logistics Management Specialist

DSN 263-3304

Director

U.S. Army Defense Ammunition Center

and School

ATTN: SMCAC-DEV

Savanna, IL 61074-9639

Director

U.S. Army Defense Ammunition Center

and School

ATTN: SMCAC-DEV

Savanna, IL 61074-9639

Director

U.S. Army Defense Ammunition Center

and School

ATTN: SMCAC-ASC

Savanna, IL 61074-9639

Commander

17th Area Support Group

Unit No. 45006

ATTN: APAJ-GH-ID-PO

APO AP 96343-0064

PART 3

TEST SETUP

Airflex shelters were installed at two different locations in Chibana, Okinawa. Site 1 was located at pad 42626 and site 2 was located at pad 42635. The Airflex shelters at pad 42626 were loaded with 50 pallets of 105MM HE, C445 (2,400 rounds), and the Airflex shelters at pad 42635 were loaded with 441 pallets of 155MM HE, D544 (3,528 rounds). In addition to the ammunition, 400 pounds of desiccant were also added to the Airflex shelters to absorb any excess humidity within the shelter at the time of installation.

The Airflex shelters consisted of a sheet of rubber material for the bottom of the shelter, a cubical-shaped piece of rubber that formed the top and sides of the shelter, a slotted piece of plastic pipe long enough to go around the shelter horizontally, and an inflatable rubber hose as long as the plastic pipe. The plastic pipe and the rubber hose were used to seal the bottom piece of the shelter with the upper piece of the shelter. In order to seal the upper and bottom pieces together, the edges of the upper and lower pieces of the shelter were put together and pushed into the slot in the plastic pipe. Next, the inflatable rubber hose was inserted into the slot in the plastic pipe and inflated. Once inflated, the rubber hose sealed the upper and lower piece of the shelter within the plastic pipe to form an airtight seal. Once the upper and lower pieces of the chamber were sealed together, a vacuum appliance was attached to a port located within the upper piece of the chamber and the air was vacuumed out of the chamber. Depending on the contents of the Airflex shelter, the vacuuming process had to be repeated for short intervals on several days before the vacuum seal was complete. Due to the nature of the ammunition pallets, a layer of cushioning material was placed on the outside of the ammunition stack prior to the placement of the upper layer of the shelter. The cushioning material was added to prevent the

shelter from being punctured by the irregular surface on pallets of ammunition when the vacuum was applied to the Airflex shelter.

During the installation of the Airflex shelters, Campbell Scientific, Incorporated data loggers were set up to monitor the environmental conditions both inside and outside the shelters. A temperature/humidity probe was installed in three of the four Airflex shelters at each site. The probes were located in a different position within each Airflex shelter. One probe was positioned near the top of a shelter, one probe was positioned near the middle of a shelter, and one probe was positioned near the bottom of a shelter. A fourth probe was set up in a special louvered sunshield to monitor the environmental conditions outside the shelters. The data loggers were programmed to monitor the probes on hourly intervals and store the readings in a solid state data storage module. The data storage modules were switched out approximately every three months and shipped back to USADACS where the environmental readings were downloaded onto a computer for analysis (see Part 4).

PART 4

TEST RESULTS

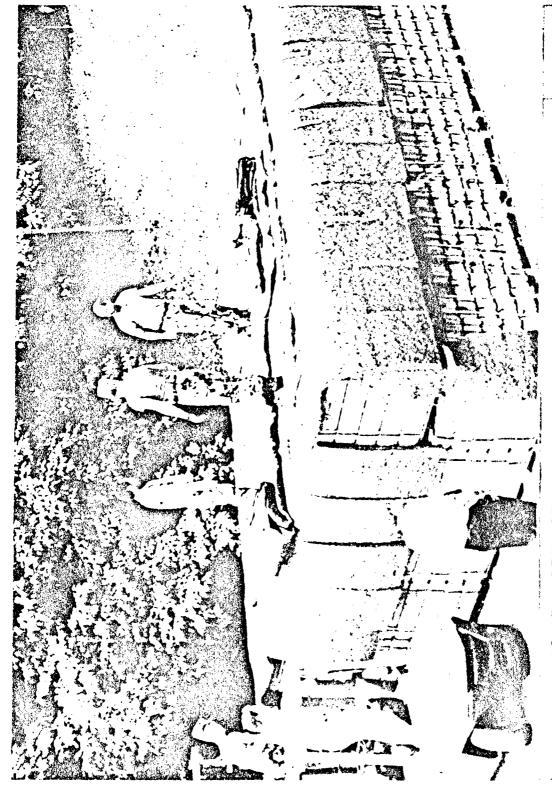
The temperature and humidity readings that were collected from the Airflex shelters in Okinawa were downloaded onto a computer and analyzed to determine how effective the shelters were for use in open storage of ammunition. Initially, the data were tabulated and then graphed using the peak reading obtained during each 24-hour period of sampling (see Part 6, Daily Peak Temperature and Humidity Readings from Airflex Shelters). The peak readings are useful in determining what effect the Airflex shelters are having on the temperature of the ammunition. Given the dark green color of the shelters, an internal temperature elevated above ambient would be expected if these shelters were exposed to sunlight. Data collected at pad 42626 showed that the temperature of the upper portion of the 105MM ammunition stack was being elevated 25.2 degrees Fahrenheit above the peak ambient temperature of 90.6 degrees Fahrenheit on 23 August 1992. The data from the other site, pad 42635, did not show a similar trend. The ambient temperature at pad 42635 was higher than the temperature at the top of shelter 4 at pad 42635. When a comparison was completed between the two sites, a considerable difference between the ambient temperatures was noted (see Part 6, Monthly Peak Temperature Readings). The ambient temperatures from the two different sites differed by as much as 15 degrees Fahrenheit. A difference of this magnitude would indicate that one of the ambient probes was malfunctioning or was improperly installed. Correct installation of the ambient probe at pad 42635 could not be verified since it was installed by onsite personnel. The ambient probe at pad 42626 was installed by USADACS personnel. If the temperature readings from the shelters at pad 42635 are compared with the shelter readings from pad 42626, a similar pattern of temperature changes can be noted with the readings at pad 42635 being of slightly lower magnitude. When the ambient temperature from pad 42626 was compared to the Airflex

shelter temperatures at pad 42635, a maximum internal temperature elevation of 13.6 degrees Fahrenheit was noted for the upper portions of the 155MM ammunition on 20 August 1992.

Analysis of the humidity readings was done utilizing histograms of the readings collected by the data loggers. Ten percent increments were used when counting the occurrences of the humidity in each increment (see Part 6, Histograms). The histograms show that the majority of all humidity readings in the Airflex shelters were within the increments of 70 - 80 percent and 80 - 90 percent while the ambient readings ranged from 50 - 100 percent. Graphs done using a monthly average humidity were also run for the two different sites (See Part 6, Monthly Average Humidity Readings). As noted on the graphs, the humidity in the Airflex shelters was generally the same or higher than the ambient humidity. The humidity readings obtained during the monitoring period were much higher than expected and much higher than those experienced by U.S. Air Force personnel utilizing the shelters on Guam. U.S. Air Force personnel had utilized the Airflex shelters for several years prior to the monitoring on Okinawa and had managed to reduce internal humidity of the Airflex shelters to below 55 percent. The numidity within the Airflex shelters on Okinawa was high enough that condensation on the inside of the top of the shelter was seen by onsite personnel during an inspection of the ammunition. The cause for the excess humidity was unclear. Three of the six containers had difficulty maintaining a vacuum which could be a possible cause for the high humidity had all six Airflex shelters experienced the problem.

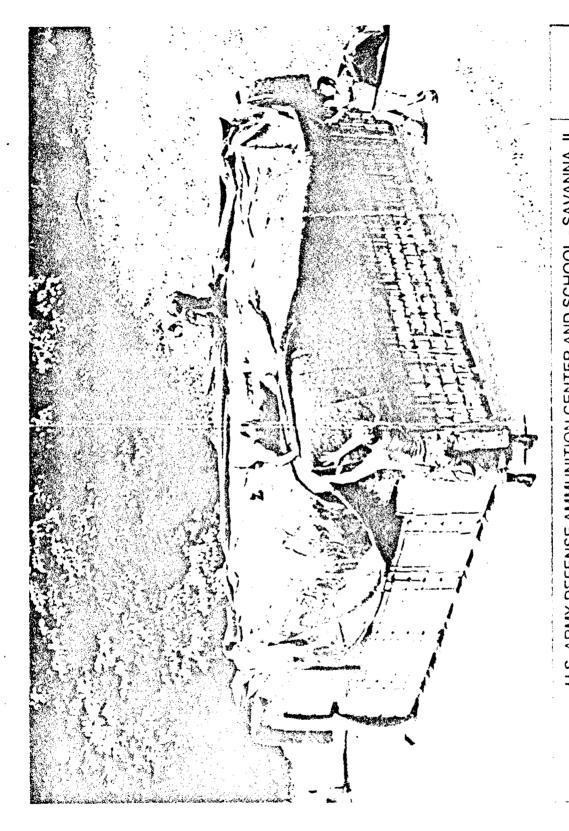
PART 5

PHOTOGRAPHS



U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL - SAVANNA, IL

This pricto shows the padding material that was placed on top of the ammunition stack to prevent the Airflex shelter from being punctured when the vacuum was applied to the shelter.



U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL - SAVANNA, IL

This photo shows the cubical-shaped portion of the Firflex shelter being unfolded ontop of the ammunition stack.



U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL - SAVANNA, IL

This photo shows the cubical-snaped portion of the Airflex shelter nearly in position to be sealed with the bottom portion of the shelter.



U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL - SAVANNA, IL

This photo shows the desiccant being added to the Airflex shelter just prior to sealing the top and bottom pieces of the shelter together.



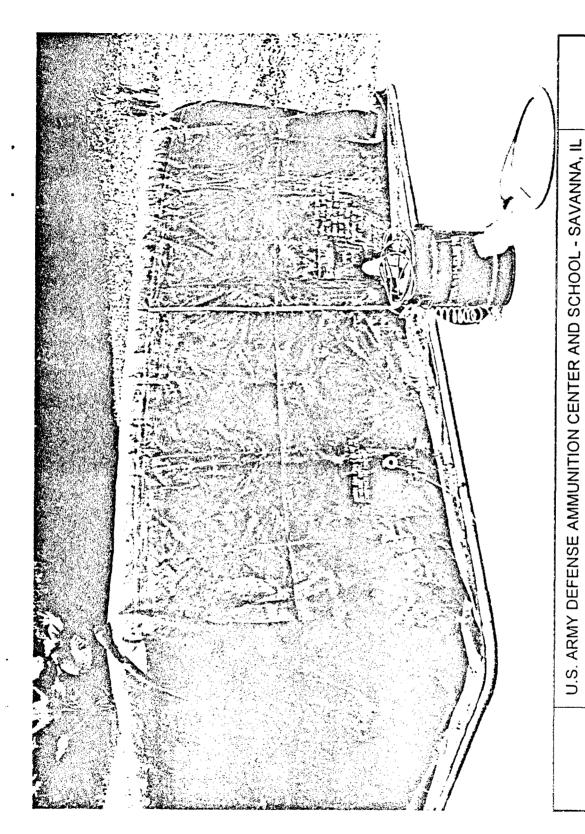


U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL - SAVANNA. IL

This photo shows the inflatable rubber hose being inserted into the plastic pipe that seals the top and bottom portions of the shelter together.



This photo shows the Campbell Scientific Incorporated data logger and probes that were used to monitor the Airflex shelters and ambient conditions at the two test sites.



This photo shows the assembled Airflex shelter and the vacuuming device that was used to pull the vacuum on the shelter.



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U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL - SAVANNA, IL

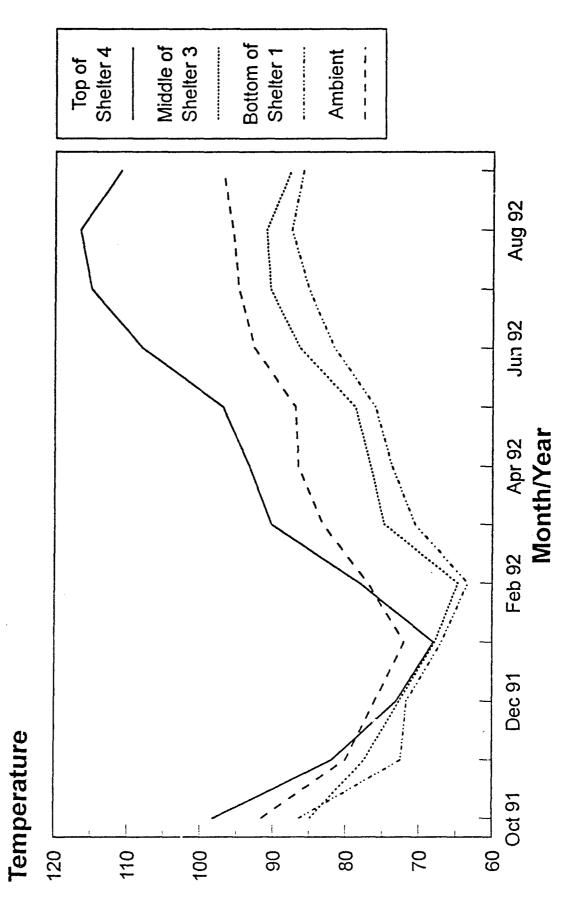
This photo shows the connection port on the Airflex shelter where the vacuum is attached.

PART 6

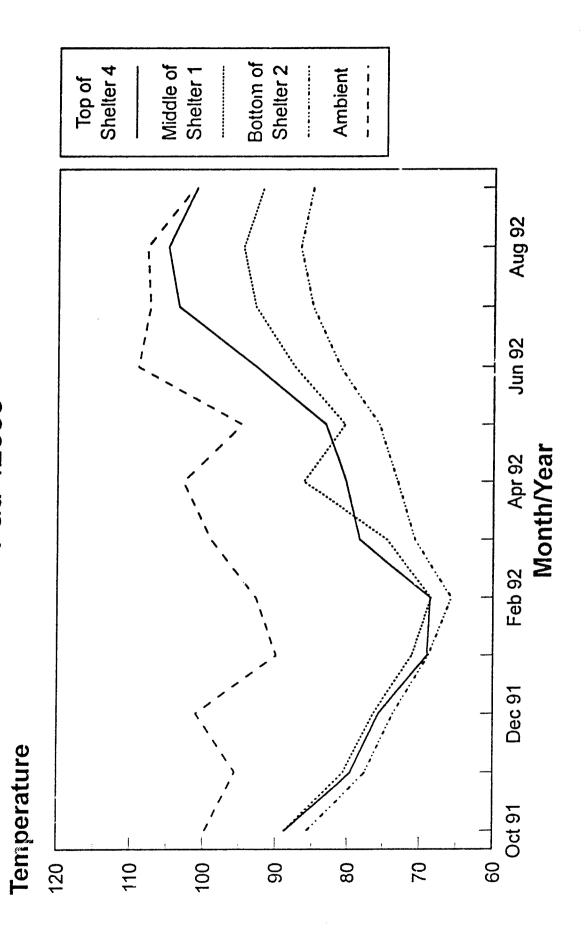
GRAPHS

MONTHLY PEAK TEMPERATURE READINGS

Monthly Peak Temperature Pad 42626



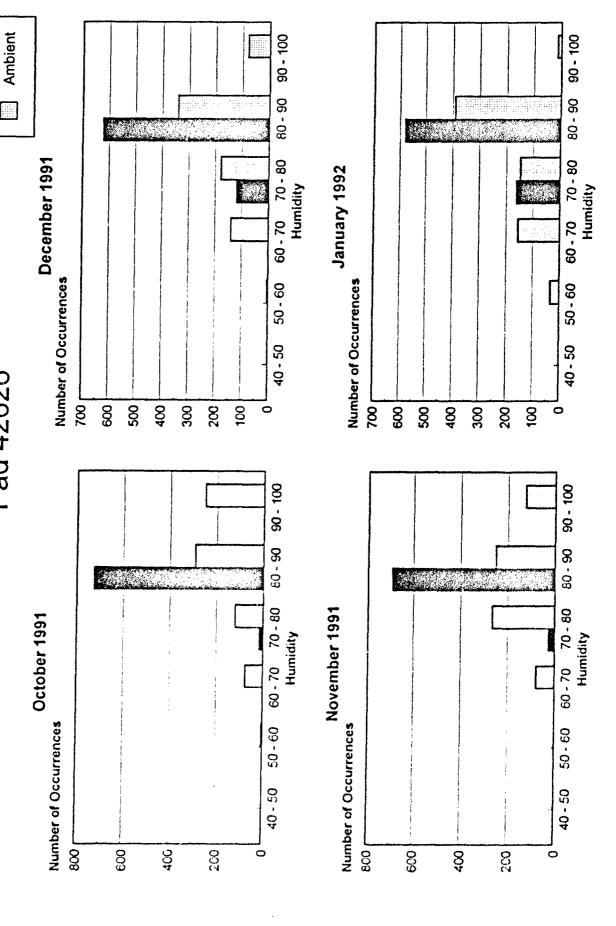
Monthly Peak Temperature Pad 42635



HUMIDITY HISTOGRAMS

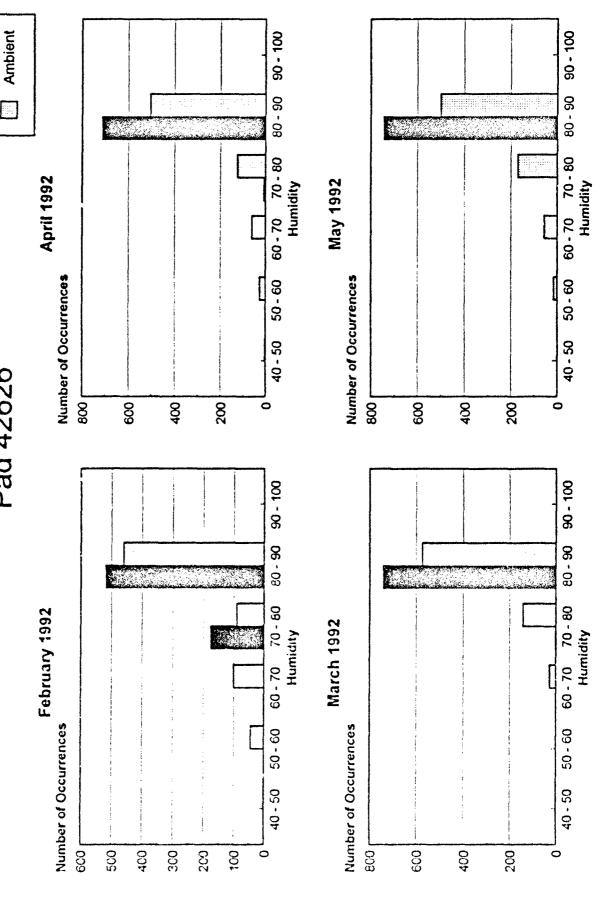
Histogram for Top of Shelter 4 Pad 42626

Interior



Histogram for Top of Shelter 4 Pad 42626

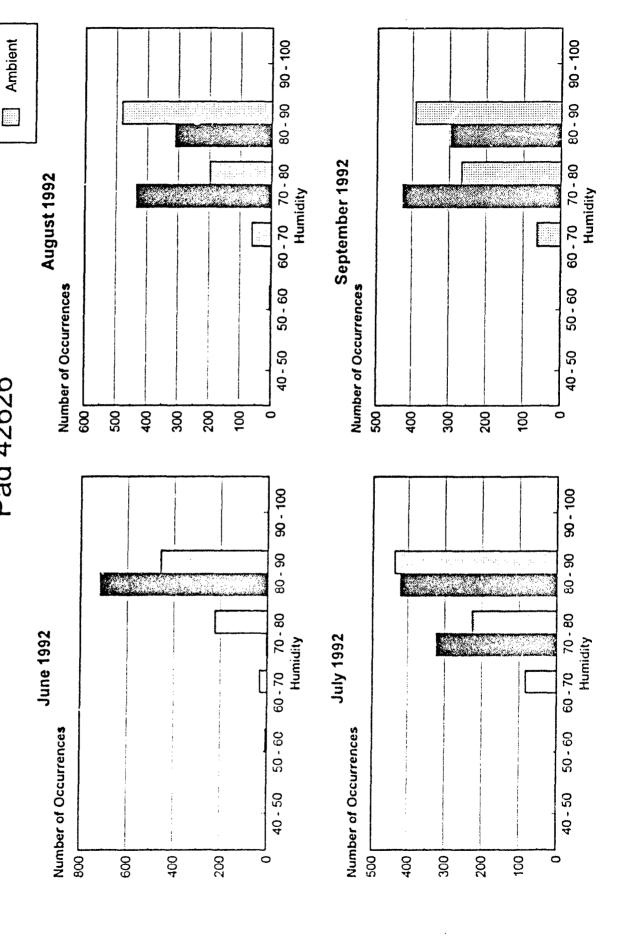
Interior



Histogram for Top of Shelter 4 Pad 42626

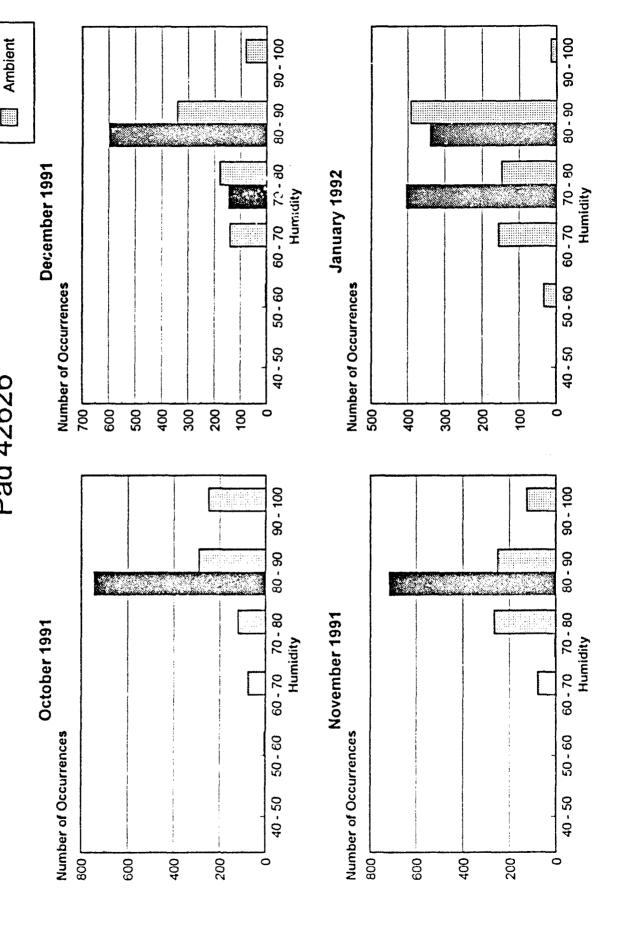
Interior

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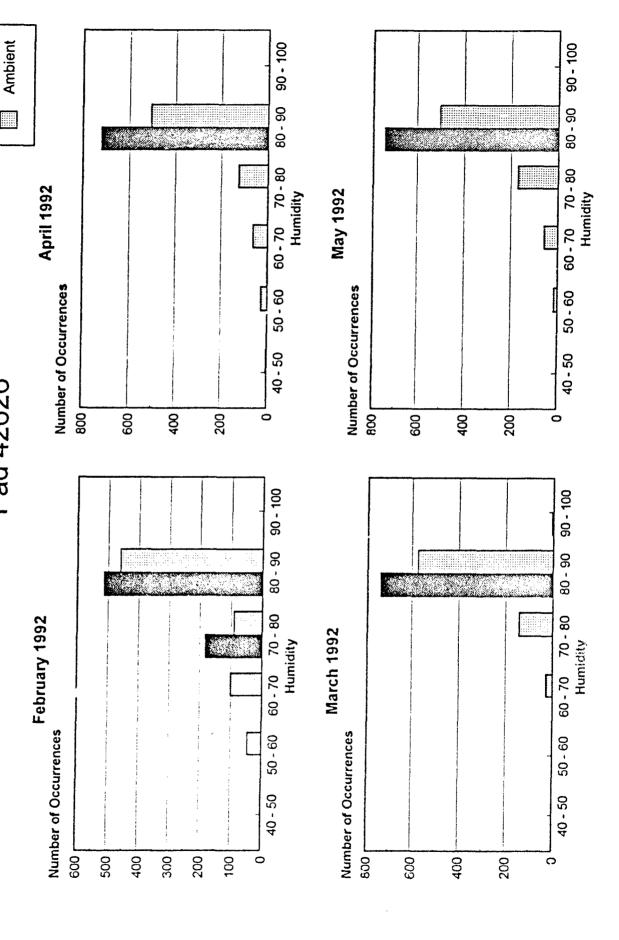
Histogram for Middle of Shelter 3 Pad 42626

Interior



Histogram for Middle of Shelter 3 Pad 42626

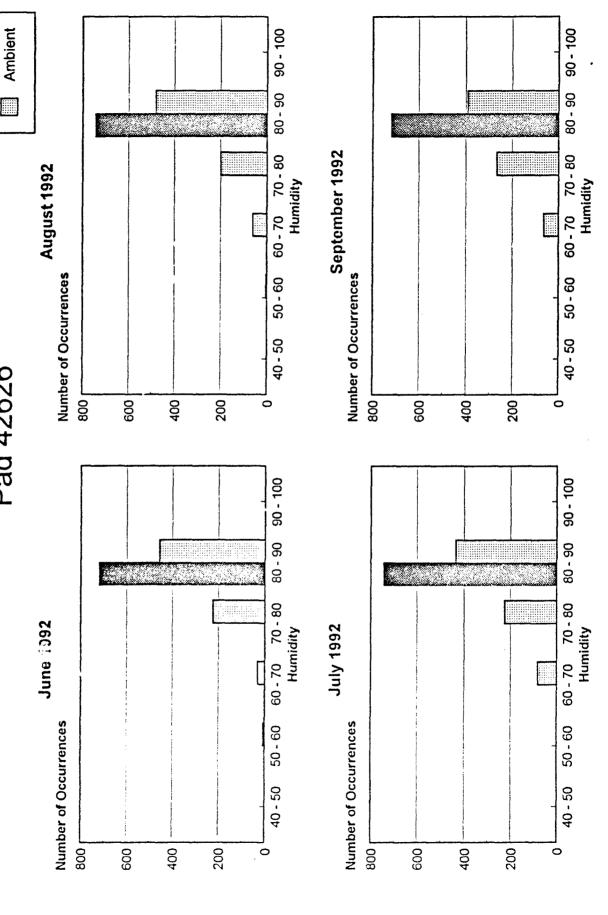
Interior



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Histogram for Middle of Shelter 3 Pad 42626

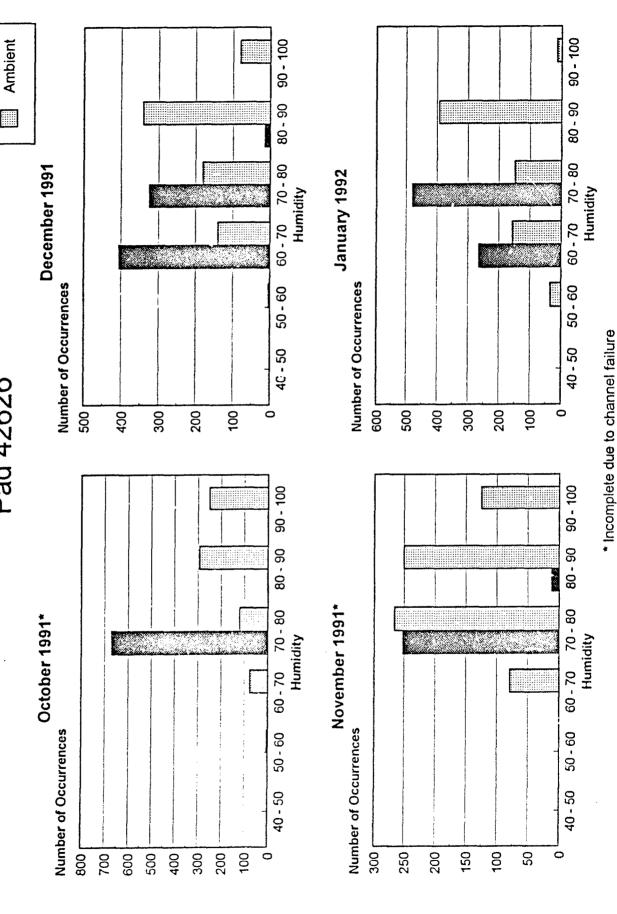
Interior



Histogram for Bottom of Shelter 1 Pad 42626

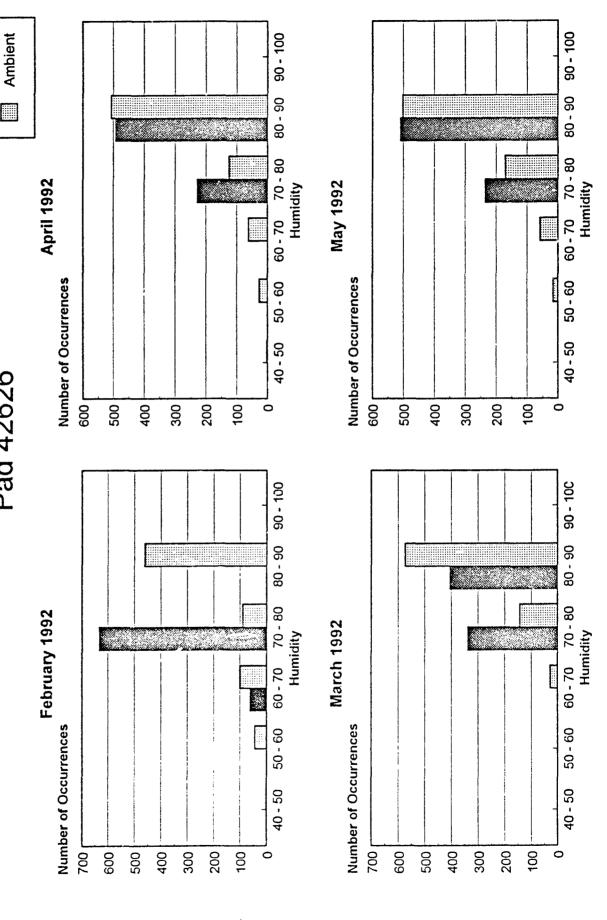
Interior

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Histogram for Bottom of Shelter 1 Pad 42626

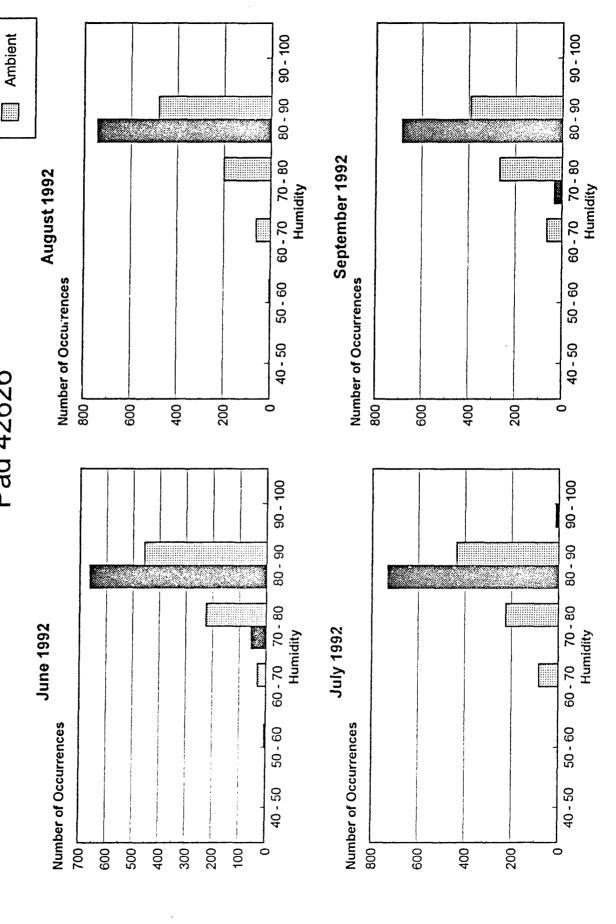
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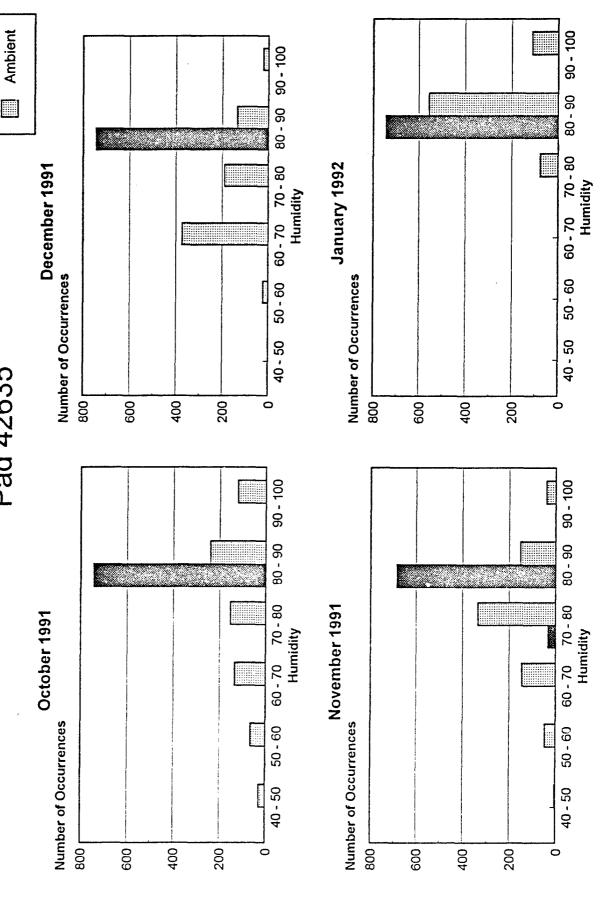
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Histogram for Bottom of Shelter 1 Pad 42626

Interior

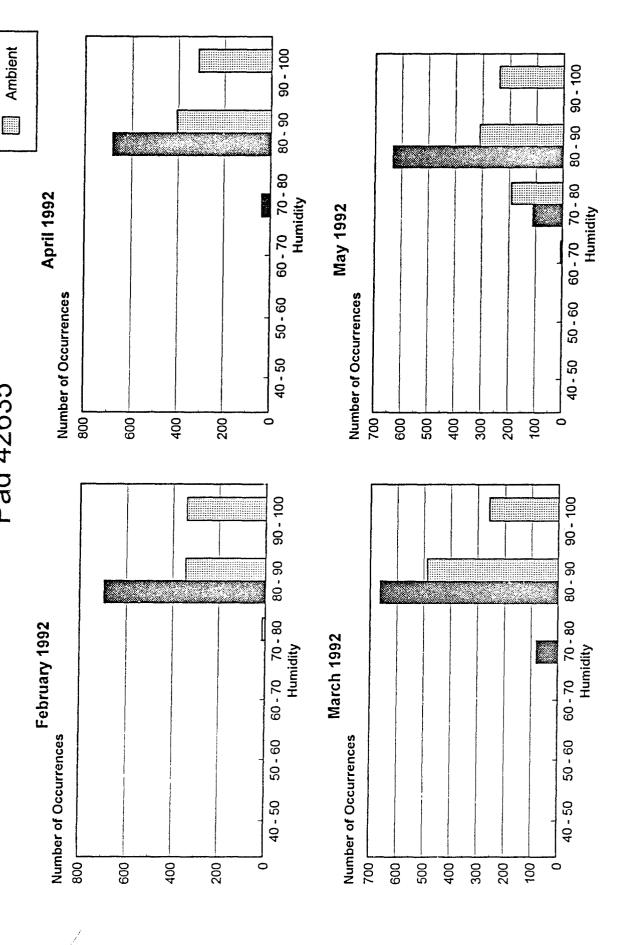


Histogram for Top of Shelter 4 Pad 42635

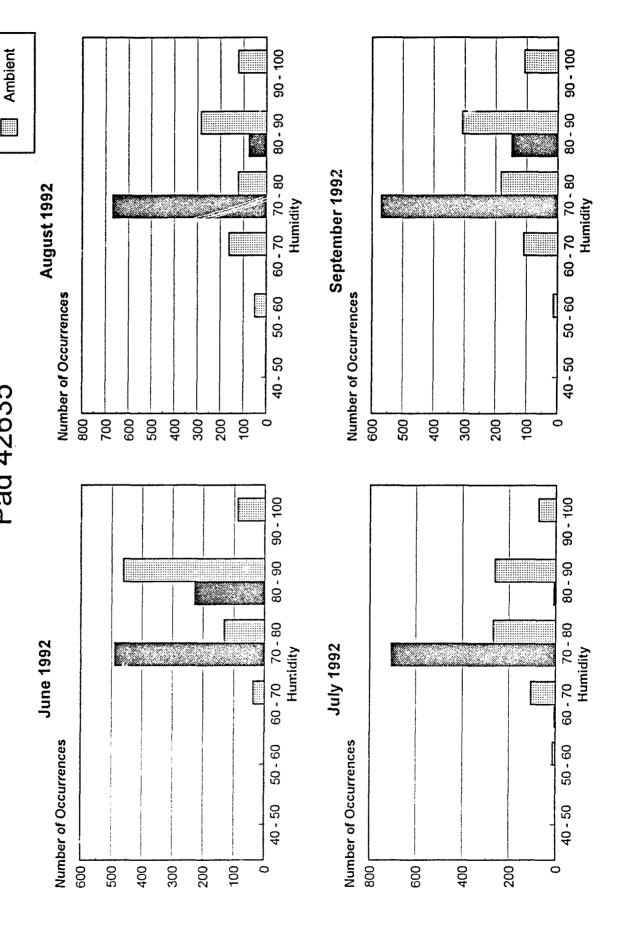


Histogram for Top of Shelter 4 Pad 42635

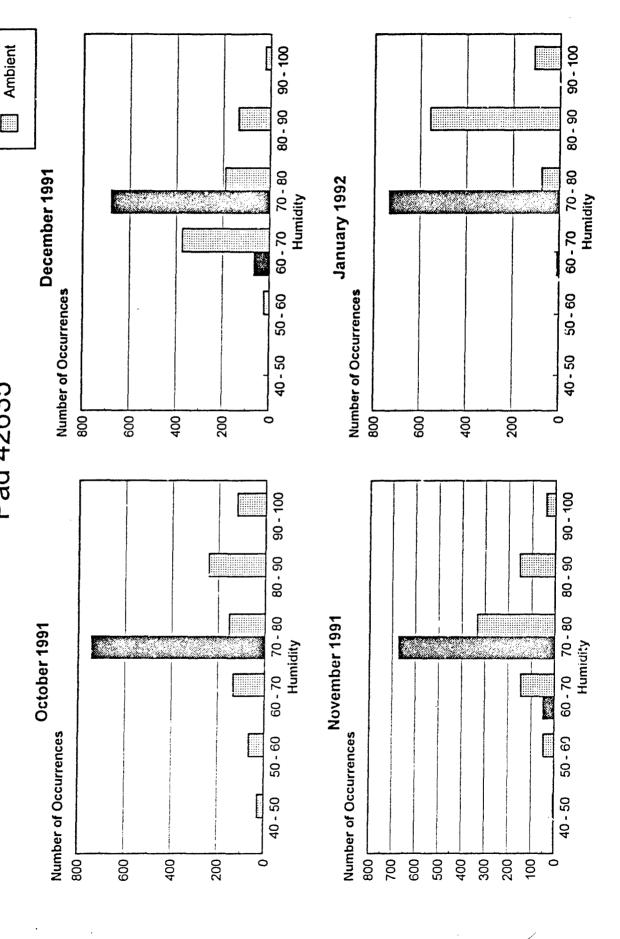
Interior



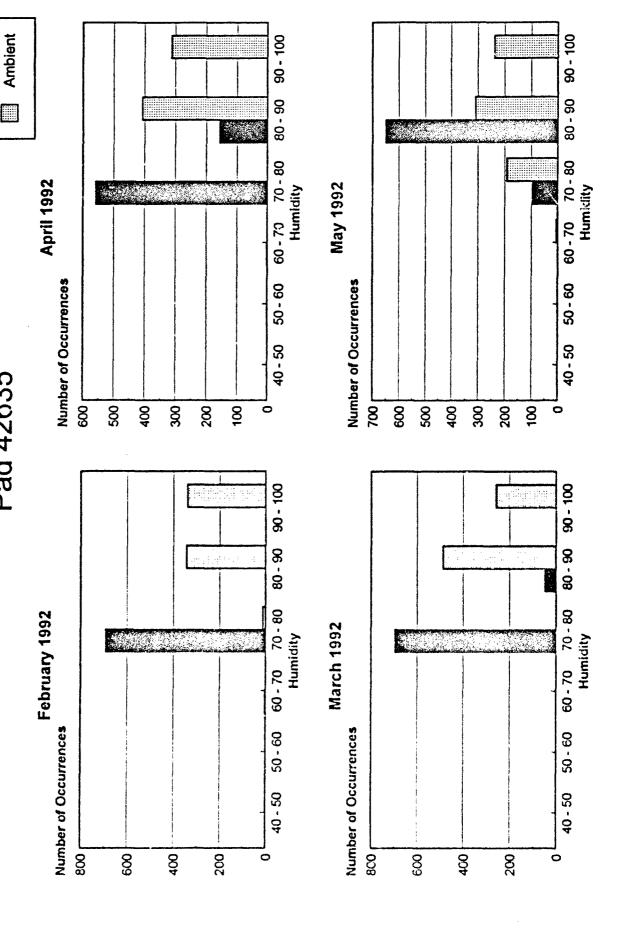
Histogram for Top of Shelter 4 Pad 42635



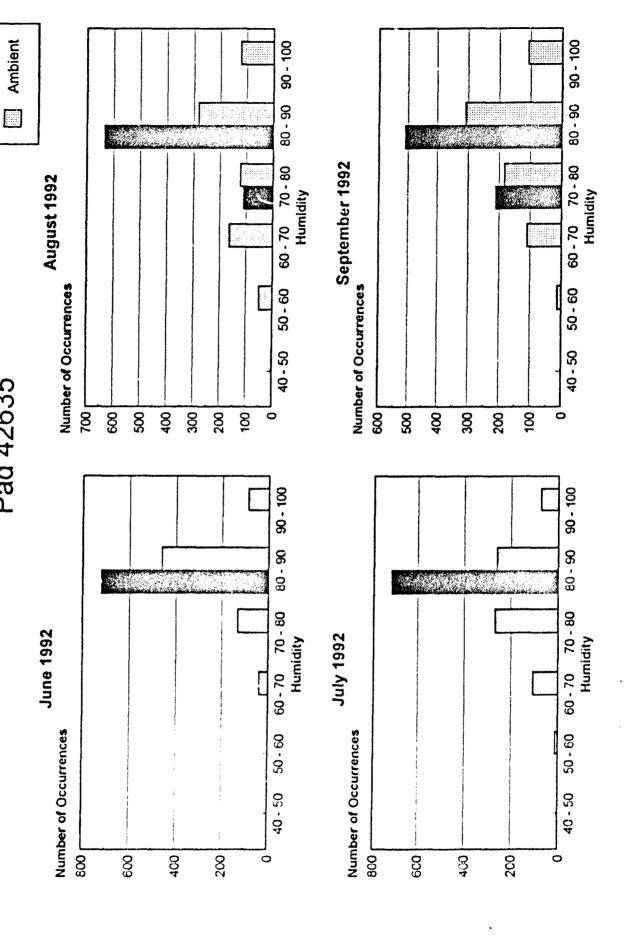
Histogram for Middle of Shelter 1 Pad 42635



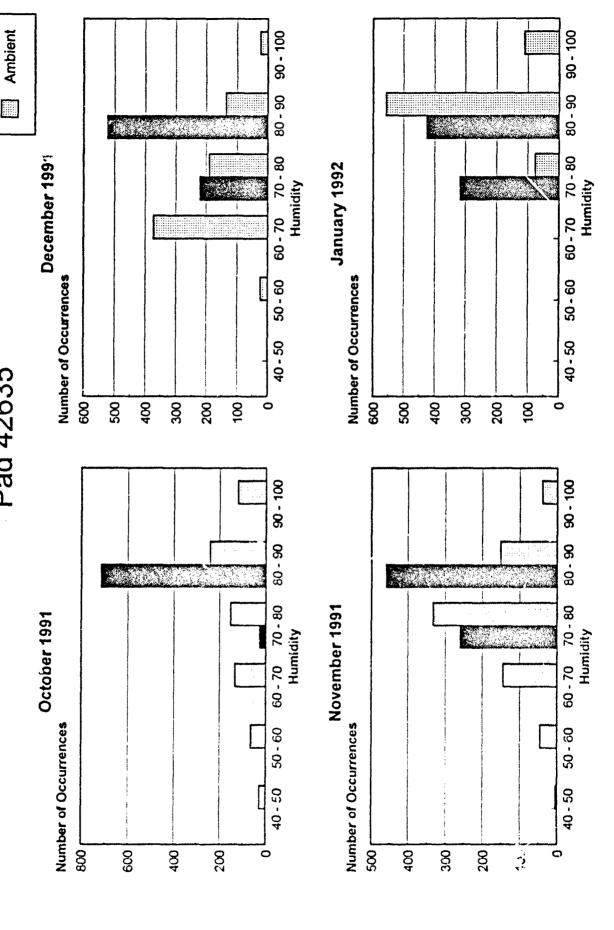
Histogram for Middle of Shelter 1 Pad 42635



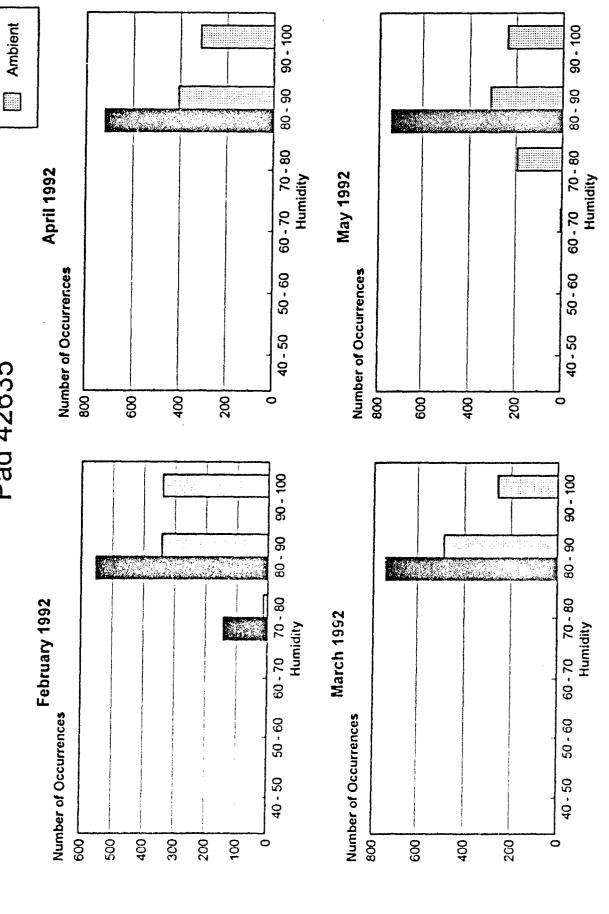
Histogram for Middle of Shelter 1 Pad 42635



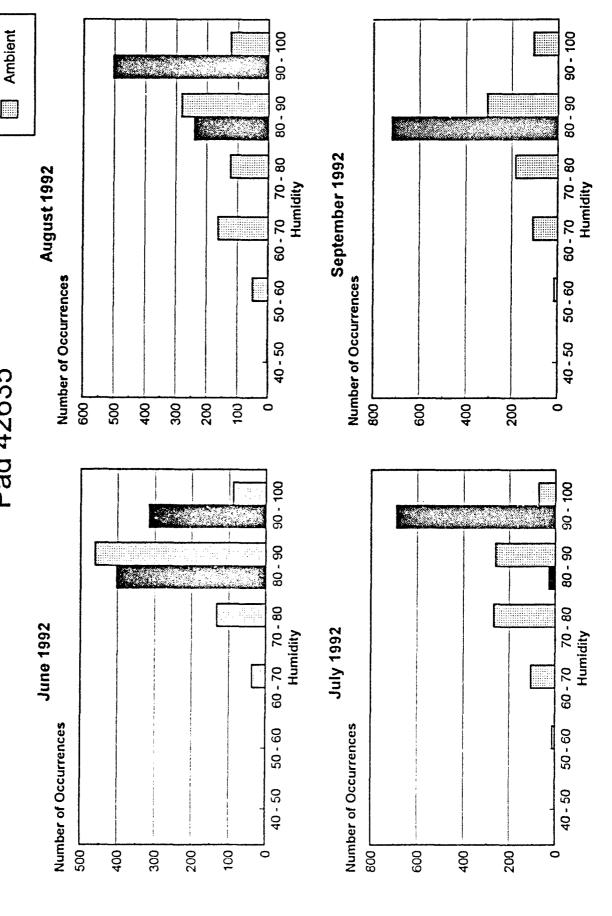
Histogram for Bottom of Shelter 2 Pad 42635



Histogram for Bottom of Shelter 2 Pad 42635

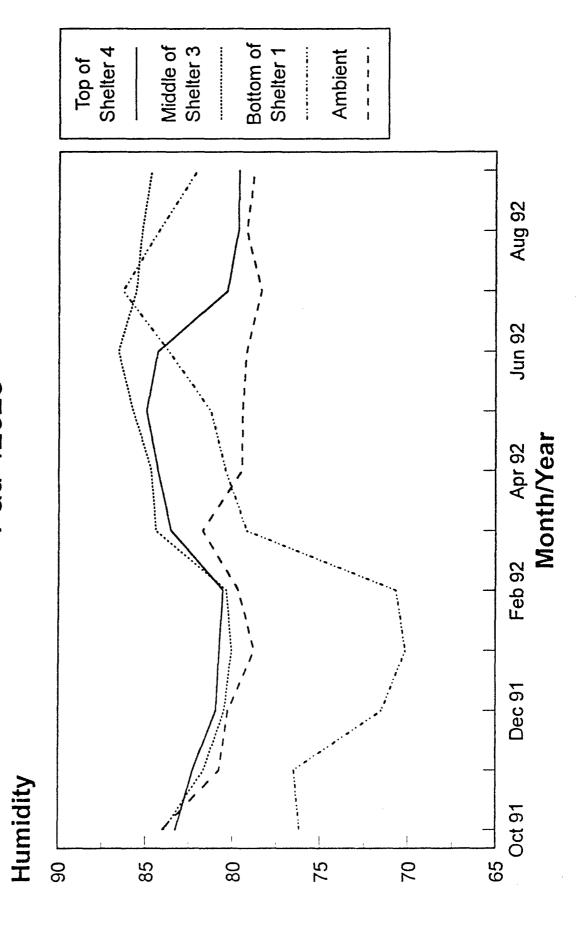


Histogram for Bottom of Shelter 2 Pad 42635

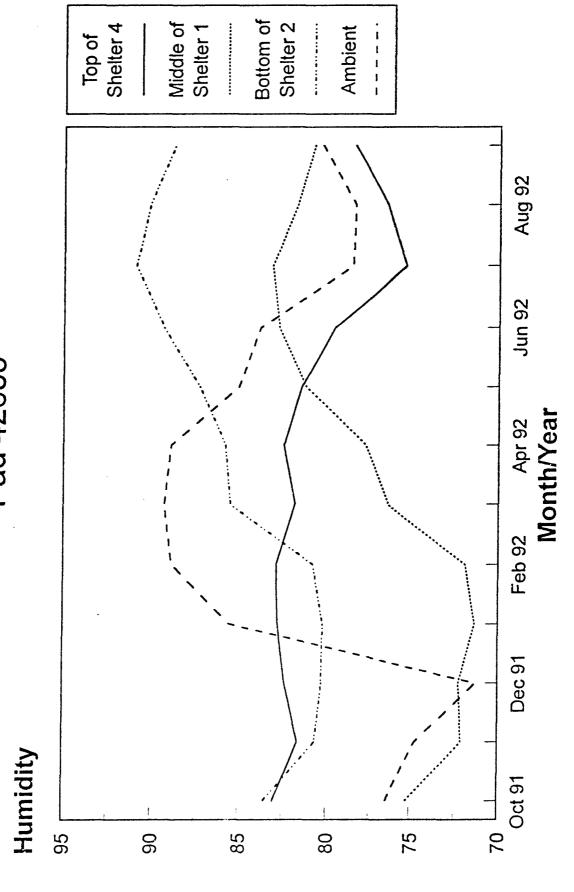


MONTHLY AVERAGE HUMIDITY READINGS

Monthly Average Humidity Pad 42626



Monthly Average Humidity Pad 42635

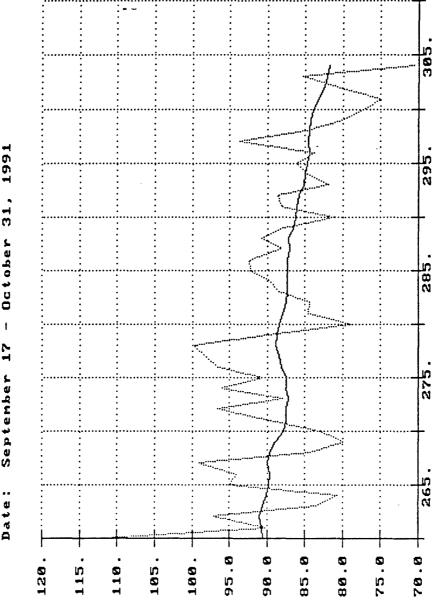


DAILY PEAK TEMPERATURE AND HUMIDITY READINGS

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: September 17 - October 31, 1991

	< Temperature		><		Humidity		>	
Jul i an	Middle	Top	Bottom	Ambient	Middle	Top	Bottom	Ambient
Date	Bag #1	Bag #4	Bag #2		Bag #1	Bag #4	Bag #2	
	Chan 2	Chan 4	Chan 5	Chan 7	Chan 2	Chan 4	Chan 5	Chan 7
260	90.6	91.4	88.2	111.8	78.6	82.9	84.8	91.7
261	90.7	90.1	88.0	90.1	78.4	85.1	85.0	90.3
262	91.0	91.2	87.9	97.2	79.2	87.3	85.4	87.2
263	90.6	89.1	87.8	83.7	77.6	83.1	85.1	88.6
264	90.1	87.4	87.5	80.8	75.9	82.8	84.3	91.7
265	89.9	88.3	87.0	95.1	76.8	87.0	84.5	90.4
266	89.7	88.1	87.1	94.1	77.3	87.1	84.6	90.8
267	90.0	89.4	87.0	99.2	78.5	87.7	85.1	87.5
268	89.6	87.7	86.8	84.3	78.0	83.4	85.1	91.5
269	88.9	86.0	86.4	79.8	75.3	83.9	84.3	94.5
270	87.7	84.9	86.0	83.1	75.8	84.0	84.0	94.7
271	87.5	85.6	85.8	89.7	76.9	87.1	84.3	93.7
272	87.5	86.1	85.7	96.5	77.4	87.2	84.2	92.0
273	87.1	85.6	85.8	88.0	77.0	84.8	84.4	91.8
274	87.5	86.8	85.7	96.1	78.0	88.3	84.5	91.5
275	87.5	87.1	85.6	90.6	77.9	87.1	84.8	89.9
276	88.1	88.4	85.6	96.5	78.9	89.7	85.1	87.3
277	88.4	88.8	85.5	98.2	79.3	89.3	85.1	85.6
278	88.8	88.5	85.5	99.7	79.3	86.1	85.3	87.4
279	88.7	87.9	85.3	89.9	78.8	84.9	85.8	89.2
280	88.5	86.6	84.7	79.1	78.3	83.3	85.7	83.4
281	88.0	85.5	84.7	84.5	76.4	83.6	85.4	91.0
282	87.5	85.0	84.4	84.4	76.1	83.9	85.7	92.9
283	87.4	85.2	83.8	88.5	76.6	84.2	85.7	86.7
284	87.3	85.7	83.7	89.7	77.1	85.0	85.4	72.7
285	87.4	86.5	83.7	92.2	77.4	87.5	85.1	69.3
286	87.4	86.9	83.6	92.4	77.5	87.1	84.9	71.8
287	87.1	85.9	83.4	88.1	76.9	84.2	84.6	79.0
288	87.2	86.4	83.2	90.8	76.9	85.8	83.8	71.5
289	86.6	83.6	83.0	87.9	75.3	82.2	83.0	79.1
290	86.3	82.5	83.0	81.2	74.4	82.9	83.6	89.1
291	86.1	83.6	82.1	88.1	75.6	84.1	84.2	86.2
292	85.8	83.5	81.6	88.5	75.4	83.4	83.0	85.2
293 294	85.2	81.9	81.4	82.0	74.6	82.5	82.7	85.3
294	85.0 84.7	82.0 81.6	81.1 80.6	84.7 86.1	74.1	83.7	81.3	79.5 81.2
296	84.4	81.1	80.4	83.8	74.1 73.9	83.1 83.5	82.1 82.5	
297	84.6	82.3	80.5	93.7	74.6	83.8	82.7	81.2 85.8
298	84.4	81.8	80.4	84.9	74.7	82.9	83.6	86.3
299	84.2	80.7	80.3	79.9	74.6	82.4	84.0	92.7
300	83.9	80.1	80.1	77.2	74.2	82.9	84.5	93.2
301	83.2	78.9	78.9	75.0	73.2	83.1	84.4	91.7
302	82.4	78.3	79.1	80.8	73.3	84.2	83.9	93.4
303	82.1	79.0	79.3	85.4	73.9	84.1	85.0	93.1
304	81.9	78.2	78.7	70.5	73.4	83.5	84.7	94.3
/	- . • •				14.4	00.5	J-1.	, , , , ,

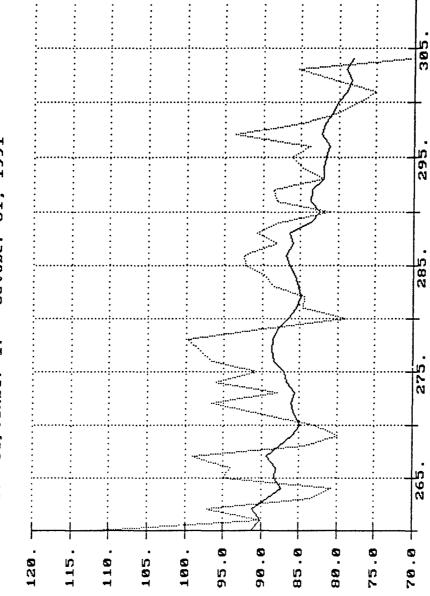
Campbell Logger #1 Peak Results from Environmental Monitoring of Airflex Shelters October 31, 1991 Chibana Ammunition Supply Branch, Pad 42635, September 17



Fahrenheit Middle 40

Julian Date

Campbell Logger Peak Results from Environmental Monitoring of Airflex Chibana Ammunition Supply Branch, Pad 42635, Campbell - October 31, 1991 September 17 Date:



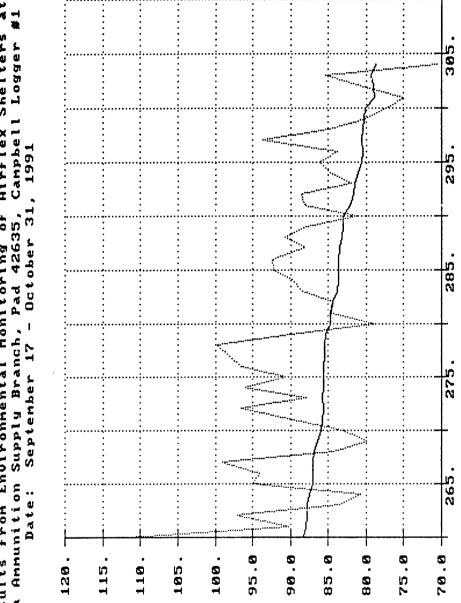
Fahrenheit

pad to

Temperature at Top

Julian Date

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger 1 September 17 Date:



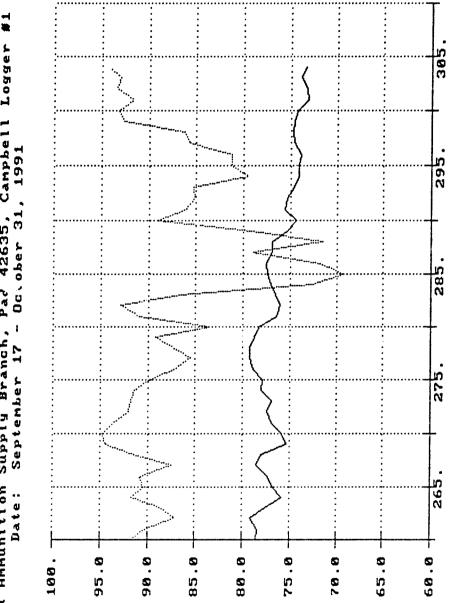
Bottom of Bag #2

Fahrenheit

te annteragnal

Julian Date

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger 1 Campbell Logger

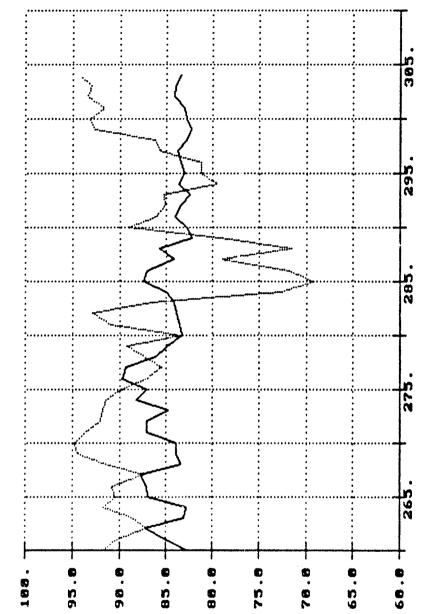


Humidity at Middle of Bag #. Proent Humidity Julian Date

- Ambient

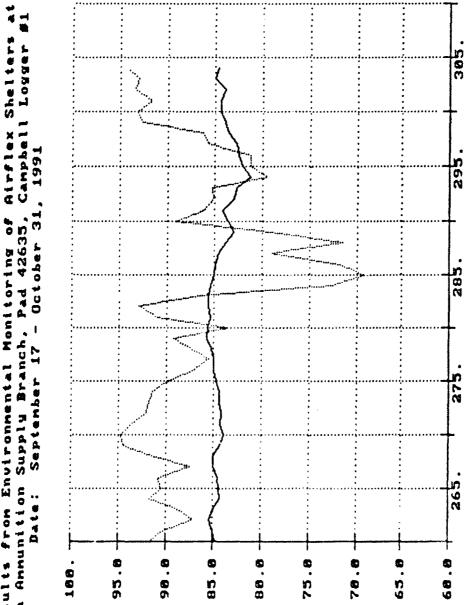
Julian Date

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Peak Results from Environmental Monitoring of Airflex Shelters Chibana Annunition Supply Branch, Pad 42635, Campbell Logger 1



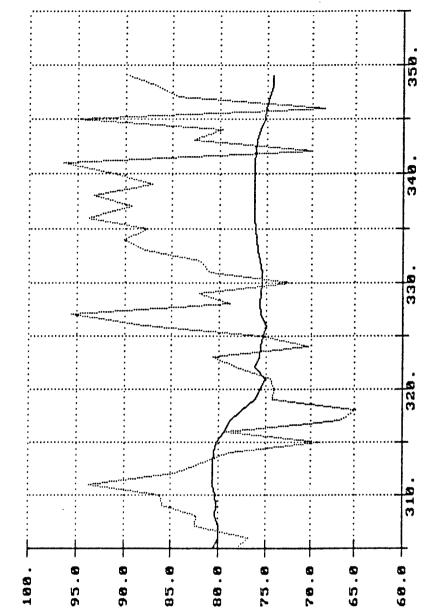
Ambient

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Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: November 1 - December 15, 1991

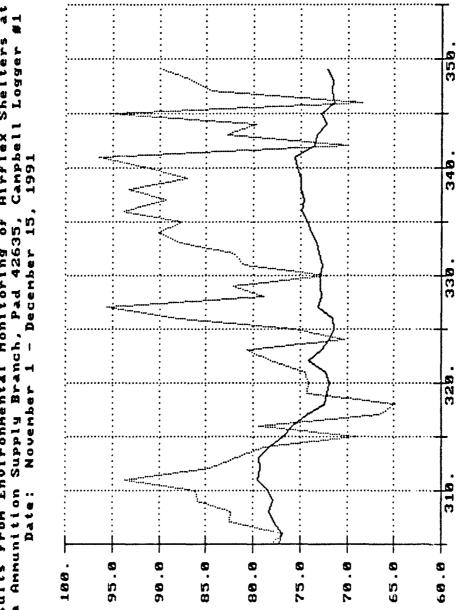
	< Temperature		><		Humidity		>	
Julian	Middle	Top	Bottom	Ambient	Middle	Top	Bottom	Ambient
Date	Bag #1	Bag #4	8ag #2		Bag #1	Bag #4	Bag #2	
	Chan 2	Chan 4	Chan 5	Chan 7	Chen 2	Chan 4	Chan 5	Chan 7
305	80.5	77.2	77.5	78.1	73.1	83.9	83.0	92.8
306	80.0	76.9	77.5	76.9	73.1	83.9	82.7	83.8
307	80.0	77.8	77.4	82.4	73.7	83.9	82.4	88.7
308	80.4	78.3	77.4	82.4	74.3	85.5	82.4	83.8
309	80.3	78.0	77.2	85.9	74.0	83.4	82.5	75.9
310	80.4	78.4	77.1	86.2	74.1	84.1	82.8	76.8
311	80.7	79.6	77.3	93.8	74.4	85.3	82.8	89.0
312	80.6	79.3	77.2	84.6	74.5	84.2	83.4	88.5
313	80.6	79.4	76.9	81.7	74.5	83.5	83.3	75.6
314	80.5	78.3	76.7	78.9	74.1	82.4	82.9	75.2
315	80.2	76.9	76.2	69.1	73.7	81.7	82,3	83.8
316	79.4	75.8	75.5	79.4	72.3	82.2	81.2	70.4
317	78.8	74.3	75.3	66.5	71.8	82.0	80.3	93.2
318	77.5	72.4	73.9	65.0	69.6	81.9	78.8	93.8
319	76.2	72.2	73.2	74.2	70.6	82.0	79.5	90.1
320	75.6	72.0	72.8	74.1	70.6	81.7	79.5	82.7
321	75.1	72.3	72.5	74.5	71.1	81.1	80.3	78.1
322	76.2	74.1	73.1	78.2	72.2	81.2	81.2	79.5
323	75.8	72.8	73.0	80.6	71.8	82.7	80.1	88.5
324	75.6	72.0	72.6	70.3	71.6	81.3	80.1	85.6
325	75.3	71.4	72.5	75.6	71.0	81.9	79.7	81.7
326	75.0	71.6	72.5	87.9	71.3	82.3	80.0	90.5
327	75.6	73.1	72.9	95.6	72.4	83.3	80.8	88.6
328	75.7	72.8	72.9	78.9	72.4	81.3	80.9	80.6
329	75.7	72.9	72.5	82.3	72.1	81.6	80.8	83.2
330	75.5	72.8	72.9	72.2	72.0	81.1	80.7	77.4
331	75.5	72.7	73.1	80.9	72.2	81.4	81.0	82.4
332	75.7	73.0	73.4	82.1	72.5	81.8	81.3	86.0
333	76.0	73.3	73.6	87.8	73.0	82.8	81.4	87.9
334	76.1	73.8	73.7	90.1	73.3	84.6	81,1	90.8
335	76.2	74.2	73.6	87.6	73.3	83.7	81.6	89.7
336	76.3	74.8	73.3	93.9	73.5	84.3	81.6	88.4
337	76.4	74.6	73.3	89.3	73.5	84.5	81.4	90.2
338	76.3	75.0	73.3	93.2	73.5	84.3	81.6	88.7
339	76.3	75.0	73.4	87.2	73.6	83.6	82.0	86.4
340	76.3	75.3	73.4	91.3	73.7	82.7		86.4
341	76.4	75.6	73.4	96.5	73.9	84.7	82.2	90.5
342	76.3	73.5	73.3	69.9	73.9	82.4	81.7	76.3
343	76.1	73.2	72.7	82.9	73.0	83.5	81.2	80.2
344	75.8	72.3	72.5	79.7	72.3	84.5	80.1	92.3
345	75.2	72.8	72.2	95.2	72.2	84.9	80.2	93.0
346	75.1	71.4	71.6	68.4	72.2	82.5	80.2	71.4
347	74.8	71.6	71.5	84.5	71.5	82.7	79.7	78.4
348	74.4	71.5	71.4	86.5	71.7	82.8	79.9	84.1
349	74.4	72.2	71.3	89.8	72.3	82.9	80.8	83.4

..... Ambient



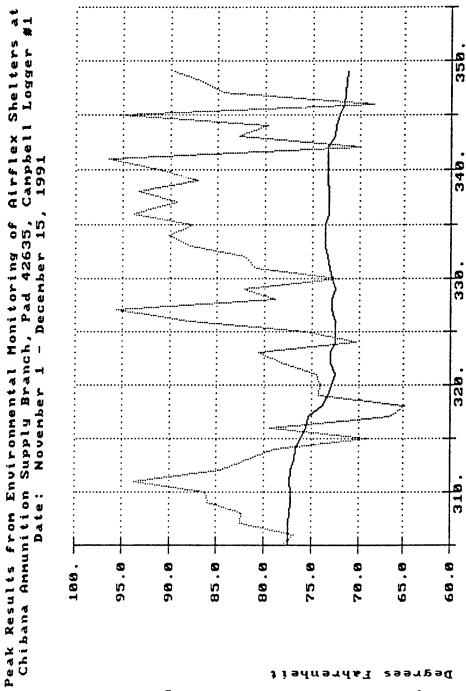
Degrees Fahrenheit Temperature at Middle of Bay #1

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Amunition Supply Branch, Pad 42635, Campbell Logger 1 Date: November 1 - December 15, 1991



Ambient

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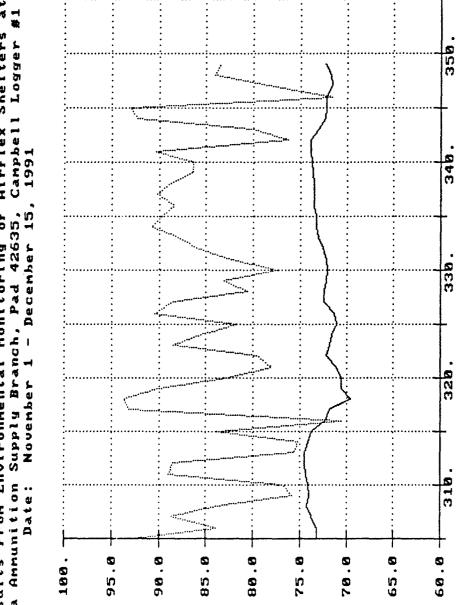
30

Mollod

Degrees Fahrenheit

Ambient

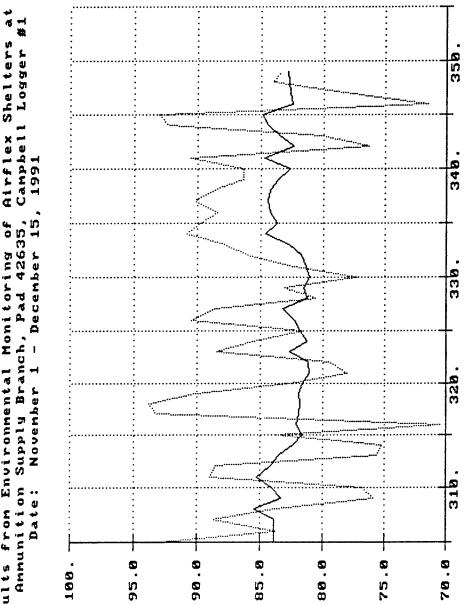
Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: November 1 - December 15, 1991



Humidity at Middle of Bag

... Ambient

Airflex Shelters Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger Date: November 1 - December 15, 1991

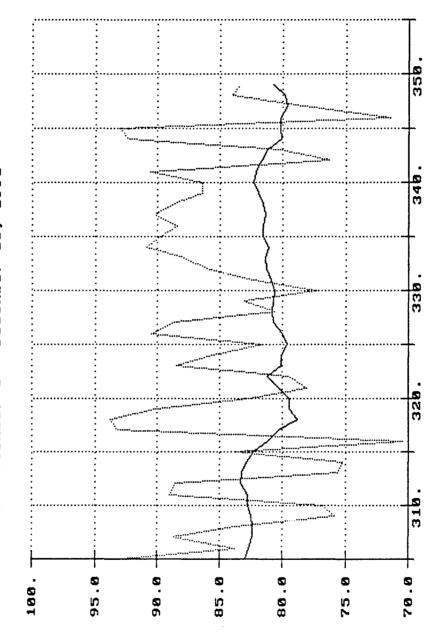


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40 qol 3s plibimuH

Ambient

Peak Results from Environmental Monitoring of Airflex Shelters Campbell Logger Chibana Ammunition Supply Branch, Pad 42635, (Date: November 1 - December 15,



Ambient

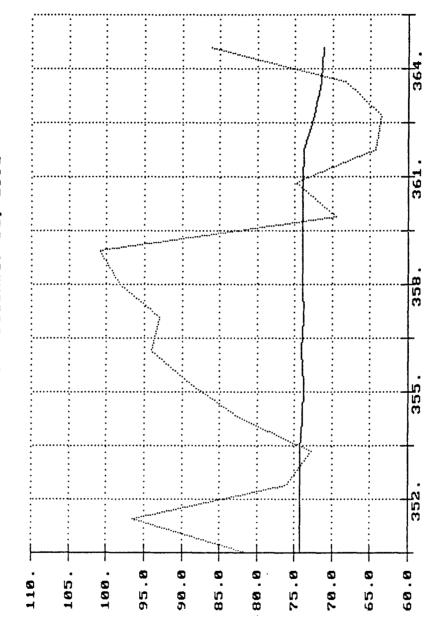
Julian Date

Humidity at Bottom of Bay # Percent Humidity Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: December 16 - December 31, 1991

	< Temperature		><		Humidity		>	
Julian	Middle	Top	Bottom	Ambient	Middle	Top	Bottom	Ambient
Date	Bag #1	Bag #4	Bag #2		Bag #1	Bag #4	8ag #2	
	Chan 2	Chan 4	Chan 5	Chan 7	Chan 2	Chan 4	Chan 5	Chan 7
350	74.3	71.8	71.4	81.5	72.5	83.1	81.4	85.0
351	74.3	72.7	71.5	96.6	73.0	85.8	81.6	92.1
352	74.3	71.9	71.4	76.0	73.0	83.6	81.6	87.0
353	74.2	70.7	71.2	72.7	72.7	83.0	81.0	78.2
354	74.0	71.6	71.1	82.0	72.5	83.4	81.0	81.3
355	73.8	71.8	71.0	88.7	72.6	84.8	81.0	91.2
356	74.1	72.4	71.0	94.1	73.0	85.1	81.2	91.7
357	<i>7</i> 3.9	72.4	71.0	93.0	73.1	85.0	81.5	91.0
358	74.0	73.2	71.0	98.2	73.5	85.3	81.7	91.2
359	74.0	74.0	71.1	101.1	73.8	85.7	82.3	91.7
360	73.9	72.6	71.2	69.5	73.8	82.2	82.5	77.8
361	73.9	71.3	71.3	74.9	73.5	82.6	81.9	82.5
362	73.7	70.7	71.1	64.2	73.0	83.1	81.8	84.4
363	72.4	67.7	69.1	63.5	70.1	83.6	78.8	92.7
364	71.5	67.2	68.7	68.3	70.0	83.6	78.2	93.8
365	71.3	68.2	68.6	86.3	70.7	83.1	78.0	95.8

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: December 16 - December 31, 1991

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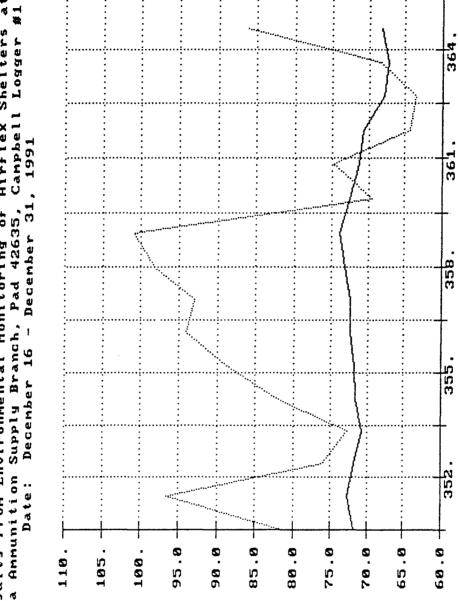
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Degrees Fahrenheit amutanagmaI at Middle

Julian Date

Airflex Shelters Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger

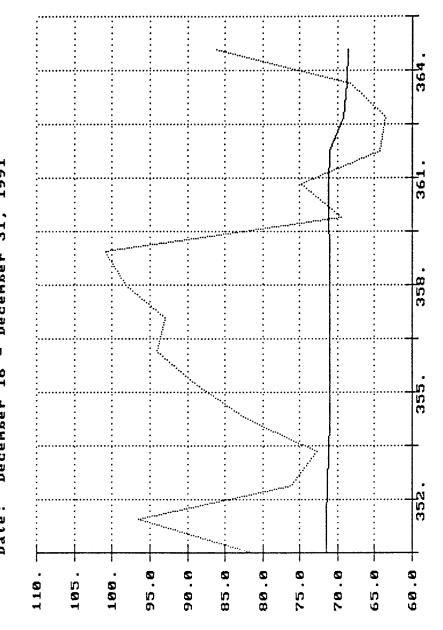


ot Bag

Temperature at Top

Julian Date

Airflex Shelters at Campbell Logger #1 Peak Results from Environmental Monitoring of Airfle Chibana Ammunition Supply Branch, Pad 42635, Campbe Date: December 16 - December 31, 1991



Degrees Fahrenheit

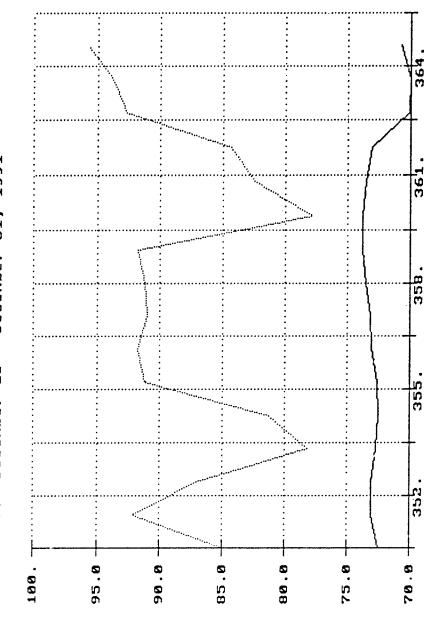
Temperature at Bottom of Bag

Julian Date

--- Ambient

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger # December 16 - December 31, 1991 Date:

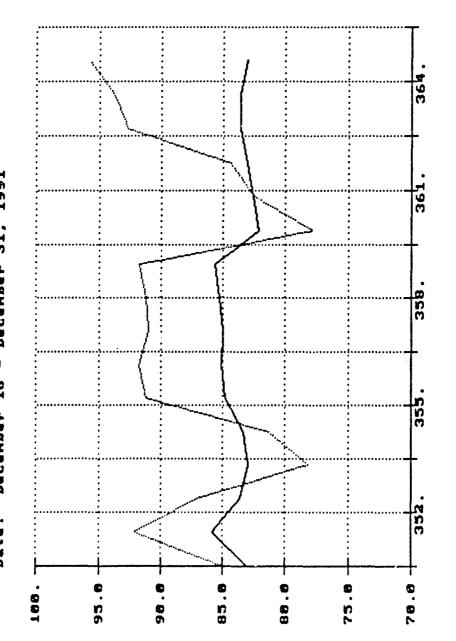
A second of the second of the



Hunidity at Middle to Bag # Percent Hunidity Julian Date

- Ambient

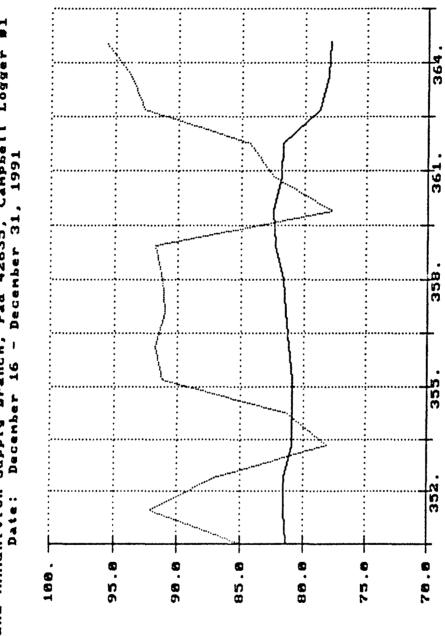
Campbell Logger #1 Peak Results from Environmental Monitoring of Airflex Shelters Chibana Annunition Supply Branch, Pad 42635, Campbell Logger A Date: December 16 - December 31, 1991



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Anbient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: December 16 - December 31, 1991



Percent Humidity #

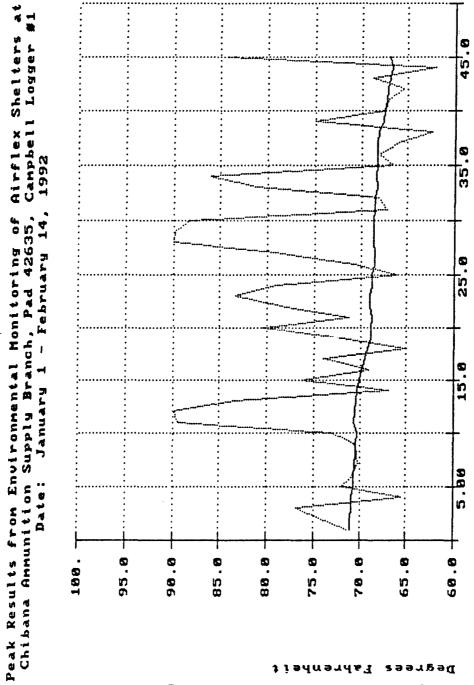
Julian Date

- Anbient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: January 1 - February 14, 1992

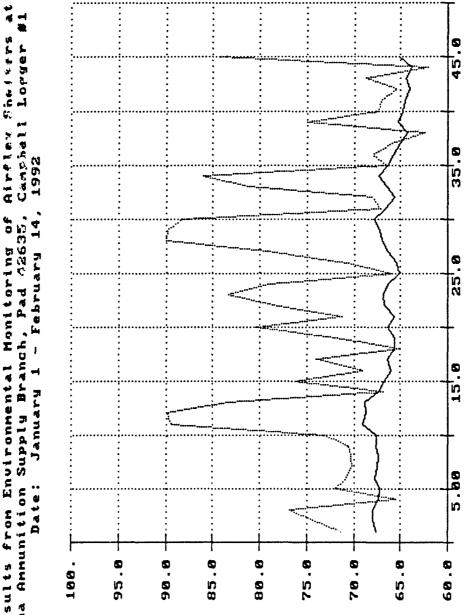
	< Temperatura		><		Humidity		•••>	
Julian	Middle	Тор	Bottom	Ambient	Middle	Top	Bottom	Ambient
Date	Bag #1	Bag #4	Bag #2		Bag #1	Bag #4	8ag #2	
	Chan 2	Chan 4	Chan 5	Chan 7	Chan 2	Chan 4	Chan 5	Chan 7
1	71.1	67.6	68.6	71.4	71.1	83.0	79.5	90.4
2	71.1	68.0	68.6	74.4	71.3	83.4	81.0	91.2
3	71.0	68.0	68.6	76.9	71.4	83.5	80.6	94.2
4	70.9	67.4	68.6	65.4	71.4	83.4	81.5	89.5
5	70.7	67.2	68.6	72.0	71.6	84.0	81.2	90.5
6	70.7	67.7	68.8	70.8	71.8	83.3	82.1	90.8
7	70.6	67.5	68.8	70.2	71.9	83.9	82.1	95.1
8	70.5	67.3	68.8	70.3	72.1	83.8	82.0	91.6
. 9	70.4	67.6	68.2	70.6	72.1	84.0	82.5	93.9
10	70.3	67.6	67.7	73.1	72.0	34.6	82.5	95.4
11	70.7	69.0	68.0	89.5	73.0	85.6	81.4	96.0
12	70.6	68.7	67.9	89.8	72.5	85.2	80.4	94.9
13	70.5	68.8	67.8	83.4	72.4	84.6	80.9	94.1
14	70.3	67.3	67.3	66.8	72.2	82.8	81.0	94.0
15	70.0	66.7	66.9	76.3	71.4	84.2	80.3	94.7
16	69.8	66.0	66.9	69.0	71.2	83.5	80.8	93.0
17	69.5	66.4	66.3	74.0	71.1	84.0	80.4	94.5
18	69.2	65.6	66.3	65.1	70.9	83.1	80.2	88.8
19	68.9	65.7	66.2	72.1	70.9	83.6	80.3	91.0
20	68.8	66.4	66.2	80.4	71.1	83.2	80.5	91.9
21	68.8	65.7	66.2	71.2	71.3	83.4	80.8	93.3
22	69.0	66.7	66.1	78.5	71.8	83.9	80.9	92.3
23	68.9	66.8	66.1	83.5	71.7	84.0	80.2	94.5
24	68.7	66.3	66.1	79.2	71.4	82.8	80.2	93.7
25	68.7	65.1	66.2	65.9	71.3	82.7	80.7	88.3
26	68.5	65.4	65.9	70.8	71.4	82.9	81.2	90.4
27	68.5	66.4	65.9	79.3	72.0	83.9	81.2	95.5
28	68.6	67.0	65.6	90.0	72.0	85.1	79.9	95.8
29	68.6	67.2	65.5	89.9	72.0	84.8	79.7	94.9
30	68.6	67.9	65.6	88.2	72.2	84.3	80.6	94.4
31	68.5	66.7	65.8	67.1	72.2	81.6	81.3	87.6
32	68.5	65.6	64.9	68.1	71.9	82.2	81.0	93.5
33	68.3	66.5	65.1	81.2	71.8	82.9	80.6	95.5
34	68.4	67.4	65.3	86.2	72.3	83.7	81.0	94.5
35	68.3	66.4	65.5	66.6	72.3	81.5	81.5	86.8
36	68.3	65.8	65.6	67.9	72.4	82.1	82.0	92.1
37	68.3	65.0	65.6	65.9	72.2	82.6	82.0	90.4
38	68.1	64.3	65.6	62.4	71.9	83.6	81.5	90.0
39	67.6	65.3	65.7	75.0	71.9	83.7	81.8	92.8
40	67.4	64.7	65.5	67.4	71.8	82.9	81.7	93.8
41	67.3	64.6	65.6	67.1	71.8	83.1	82.0	94.0
42	67.1	64.1	65.6	65.4	71.8	83.9	81.7	92.9
43	66.9	64.4	65.6	68.7	71.8	84.0	82.0	93.8
44	66.7	63.8	65.6	61.9	71.8	84.2	82.1	92.2
45	66.8	65.2	65.4	84.4	72.8	84.9	81.0	95.2

Airflex Shelters Campbell Logger f



Brg 40 Hiddle

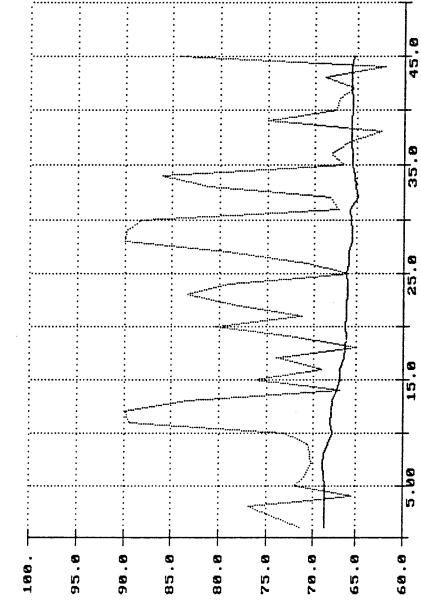
Peak Results from Environmental Monitoring of Airflex Shefffrs at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: January 1 - February 14, 1992



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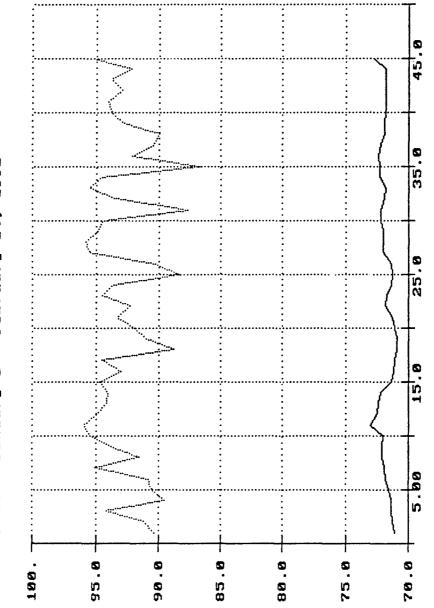
Julian Date

Airflex Shelters at Campbell Logger #1 January 1 - February 14, 1992 Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42635, Date:



Temperature at Bottom of Bag #2 Degrees Fahrenheit

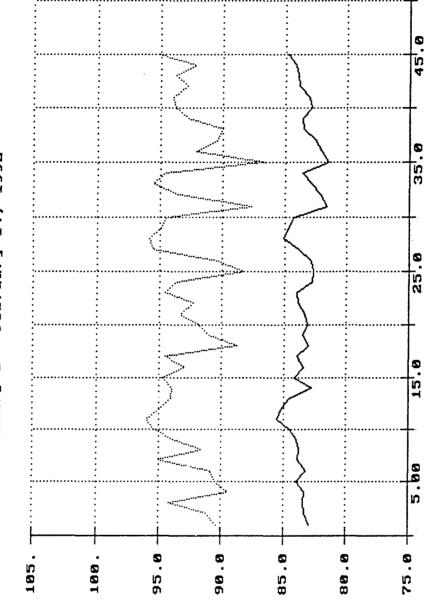
Peak Results from Environmental Monitoring of Airflex Shelters Campbell Logger 1992 - February 14, Chibana Ammunition Supply Branch, Pad 42635, January 1 Date:



Middle of Bag #L

" Ambient

Campbell Logger #1 Airflex Shelters 1992 Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42635, - February 14, January 1 Date:



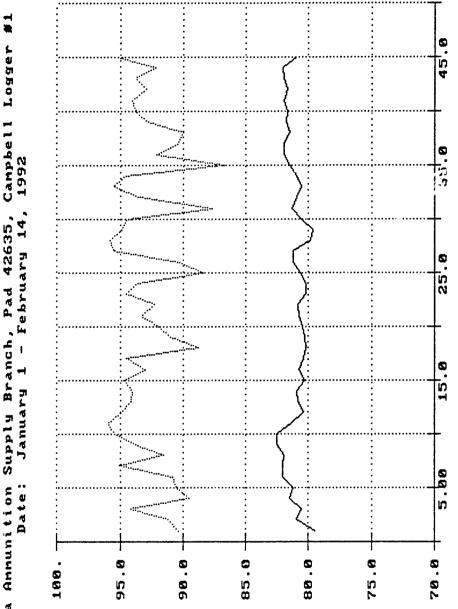
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" Ambient

Campbell Logger #1 Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger 1

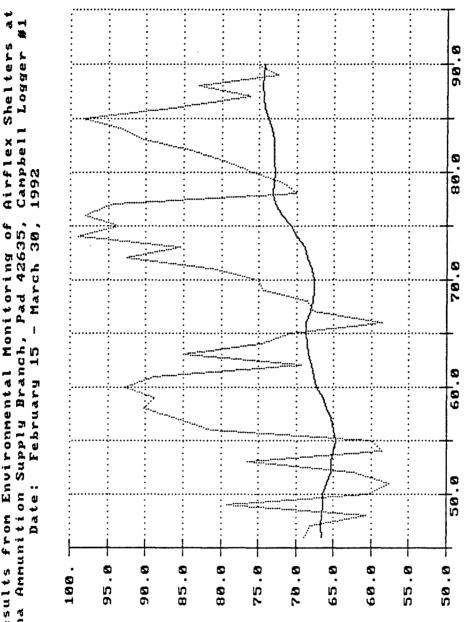


вча 30 Julian Date

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: February 15 - March 30, 1992

	< Temperature		><		Humidity		>	
Julian	Middle	Top	Bottom	Ambient	Middle	Тер	Bottom	Ambient
Date	Bag #1	8ag #4	Bag #2		Bag #1	Bag #4	Bag #2	
	Chan 2	Chan 4	Chan 5	Chan 7	Chan 2	Chan 4	Chan 5	Chan 7
46	66.6	64.4	65.6	68.8	72.5	83.5	81.6	91.9
47	66.7	64.4	65.4	68.1	72.5	83.5	81.9	93.2
48	66.6	63.2	65.3	60.5	72.3	84.1	81.1	93.7
49	66.4	64.2	65.3	79.4	72.4	84.4	81.3	94.3
50	66.4	63.6	65.2	60.5	72.4	83.8	81.5	91.6
51	66.0	62.9	64.9	57.6	71.6	84.2	80.9	92.5
52	65.4	62.5	63.9	62.4	71.6	84.5	81.1	94.7
53	65.3	63.9	64.0	76.3	72.1	84.0	80.5	95.1
54	65.1	62.6	64.1	58.5	71.9	83.9	80.1	93.6
55	64.8	61.7	63.7	60.0	71.4	84.4	80.5	92.5
56	65.0	63.6	63.0	81.3	72.8	83.8	80.3	94.9
57	65.4	64.7	63.1	86.0	73.0	84.2	80.2	95.1
58	65.9	66.1	63.2	90.2	73.3	85.8	80.8	94.5
59	66.4	67.0	63.5	88.9	73.6	84.3	82.2	94.2
60	67.3	68.6	64.0	92.8	75.5	84.3	84.0	93.5
61	67.6	69.6	64.5	88.8	75.4	83.2	85.3	93.2
62	67.9	68.6	65.0	69.2 85.0	74.8 75.7	80.2 84.0	85.6 85.8	88.9 93.1
63	68.5	69.4 69.1	65.4 65.7	74.8	75.0	81.1	85.8	90.8
64 65	68.6 68.7	68.8	66.0	70.7	74.8	81.1	85.7	91.3
66	68.7	67.6	66.1	58.6	74.5	82.0	85.8	91.2
67	68.1	65.8	66.1	67.6	72.8	83.9	84.7	93.9
68	67.7	65.3	66.1	68.5	72.7	84.0	84.5	93.6
69	67.7	66.5	66.3	74.4	73.6	84.0	85.2	93.3
70	67.7	66.7	66.3	75.2	74.0	84.1	85.3	94.1
71	67.9	67.5	66.4	80.5	74.5	85.1	85.2	93.8
72	68.5	69.1	66.5	92.7	76.1	88.5	85.4	93.7
73	68.8	70.4	66.7	85.5	76.3	87.6	85.5	93.5
74	69.9	73.5	67.0	99.1	79.6	89.3	86.3	92.6
<i>7</i> 5	70.7	75.2	67.4	93.6	80.2	87.6	86.8	92.6
76	71.9	77.9	67.9	98.2	83.1	87.7	88.6	91.7
77	72.9	78.4	68.4	94.4	82.9	86.4	89.0	92.3
78	73.1	76.7	68.7	70.0	80.6	79.7	86.2	88.6
79	73.0	74.4	68.8	71.8	77.2	81.0	85.6	91.1
80	72.9	73.5	69.0	75.8	76.9	82.0	85.6	91.3
81	73.0	74.3	69.1	79.4	77.6	81.9	85.6	93.2
82	73.1	74.4	69.2	84.0	77.9	81.8	85.6	93.5
83	73.1	75.0	69.4	90.2	78.2	85.1	85.9	92.0
84	73.3	75.2	69.6	93.2	78.9	84.3	86.5	92.9
85	73.8	76.6	69.9	98.3	81.0	85.8	87.8	92.4
86	74.2	76.6	70.1	86.5	80.3	85.4	87.0	91.8
87	74.4	75.9	70.4	76.2	79.1	81.3	86.0	91.4
88	74.6	76.0	70.6	83.0	78.7	83.2	85.9	91.9
89	74.5	75.3	70.6	72.4	78.2	82.0	85.8	92.0
90	74.2	74.2	70.7	75.4	77.0	82.7	85.8	93.3

Airflex Shelters Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42635, Date: February 15 - March 30,

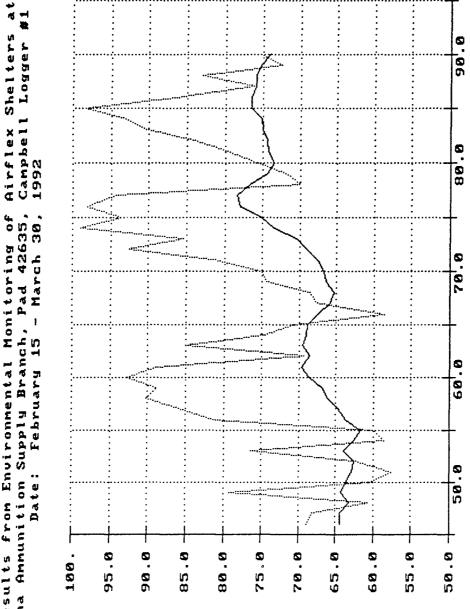


Degrees Fahrenheit Bvg Temperature at Middle of

Julian Date

Y

Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42635, Date: February 15 - March 30,



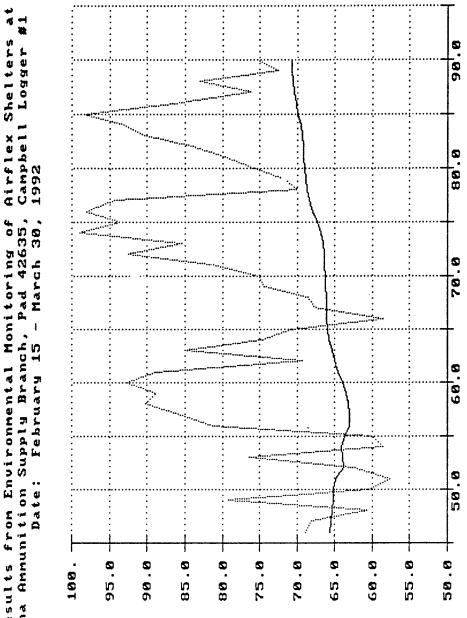
Degrees Fahrenheit of Bag do<u>r</u> temperature ≎to

Julian Date

Ambient

1

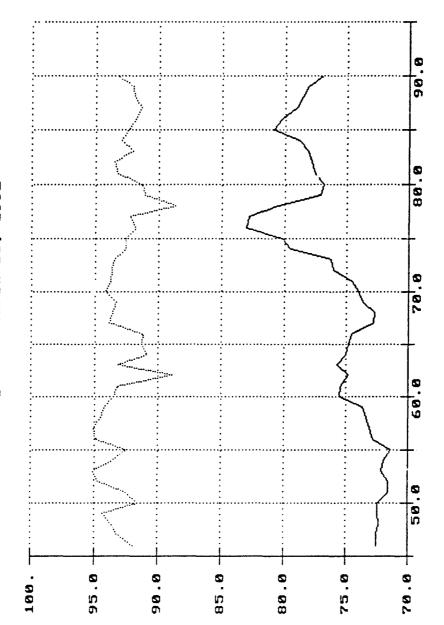
Airflex Shelters Campbell Logger Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42635,



Fahrenheit Degrees is anutaraqmaī Bottom of Bag #2

Ambient

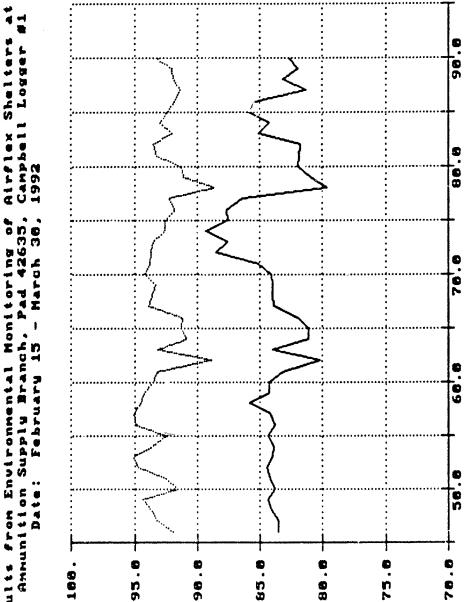
Campbell Logger #1 1992 Airflex Shelters Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42635, Date: February 15 - March 30,



Julian Date

Percent Humidity st Bag #1.

Airflex Shelters Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42635, Date: February 15 - March 38,



Anbient

Julian Date

Parcent Humidity

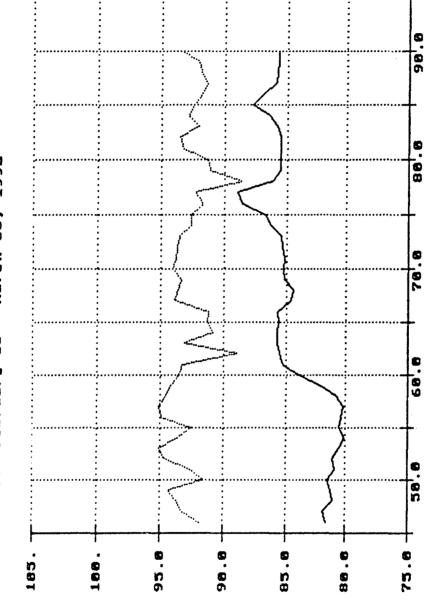
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BYE

Campbell Logger #1 1992 Airflex Shelters Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42635, Date: February 15 - March 30,



BYE

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MajpjunH

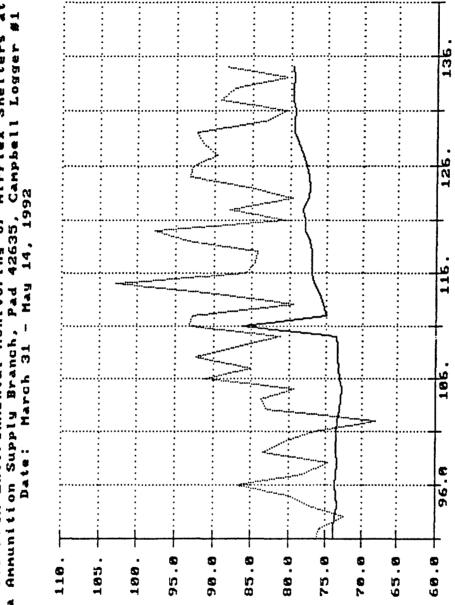
Julian Date

Peak Results from Environmental Monitoring of Airflex Shelters at Chibena Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: March 31 - May 14, 1992

	< Temperature		><		Humidity		>	
Julian	Middle	Тор	Bottom	Ambient	Middle	Тор	Bottom	Ambient
Date	Bag #1	Bag #4	Bag #2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Bag #1	Bag #4	8ag #2	
5414	Chan 2	Chan 4	Chan 5	Chan 7	Chan 2	Chan 4	Chan 5	Chan 7
	SHORT L	Midii 4	G. G. S	GIIGH 7	U	011017 4	5	
91	74.0	73.6	70.7	76.3	76.7	83.1	85.8	92.6
92	73.9	73.7	70.8	75.8	76.8	83.7	85.8	92.9
93	73.8	73.3	70.9	72.5	76.4	83.5	85.7	92.6
94	73.6	73.2	70.9	77.4	76.5	84.0	85.6	93.2
95	73.6	74.2	70.9	80.1	77.4	86.9	85.7	92.5
96	73.9	75.8	71.0	86.9	77.7	88.7	85.7	94.1
97	73.7	74.6	71.0	78.2	77.1	83.2	85.8	94.1
98	73.5	73.7	70.9	74.8	76.6	83.3	85.9	92.4
99	73.7	75.0	70.9	83.3	77.3	86.7	85.7	92.4
100	73.7	74.7	71.0	80.7	77.3	84.4	85.6	91.8
101	73.7	74.1	71.1	76.6	77.1	84.4	85.5	92.9
102	73.5	73.0	71.2	67.9	76.2	84.3	85.6	93.0
103	73.2	73.4	71.1	82.9	76.5	84.7	85.7	94.3
104	73.0	73.0	71.0	83.6	76.5	83.5	85.6	93.7
105	72.8	73.1	70.9	79.3	76.3	84.9	85.4	94.1
106	73.1	75.1	70.8	91.1	77.2	89.5	85.6	94.0
107	73.3	75.4	70.8	85.0	77.5	86.9	85.7	93.3
108		76.5	70.7	92.4	77.7	87.8	85.4	94.7
109	73.5	75.4	70.8	87.0	77.4	82.8	86.0	93.5
110	73.7	74.6	70.8	81.2	77.3	82.1	86.2	91.2
111	86.3	76.5	71.0	93.1	78.4	86.3	86.2	92.7
112	75.1	77.5	71.2	92.9	82.5	86.4	86.4	92.9
113	75.5	76.6	71.4	79.4	81.0	81.1	86.4	91.3
114	75.9	77.5	71.6	89.8	82.2	84.3	86.4	92.7
115	76.7	80.3	71.9	102.8	84.8	86.5	87.5	92.7
116	77.0	79.2	72.2	85.8	82.7	81.6	86.8	91.1
117	77.1	78.2	72.3	84.5	81.7	81.9	86.4	91.8
118	77.1	77.6	72.5	84.2	81.6	83.1	86.3	91.9
119	77.3	78.9	72.7	93.4	82.3	85.6	87.0	91.6
120	77.9	80.4	73.0	97.8	83.4	84.8	87.4	91.1
121	78.0	79.4	73.1	80.5	81.6	81.3	86.7	89.8
122	78.2	80.4	73.2	88.0	83.0	85.8	87.1	93.4
123	77.5	78.4	<i>7</i> 3.3	79.7	81.4	81.3	86.7	91.3
124	77.4	78.7	73.3	85.4	81.9	83.2	86.8	93.2
125	77.5	79.9	73.3	93.1	83.2	85.2	87.0	92.0
126	77.8	80.7	73.4	92.9	83.1	85.1	87.1	90.3
127	78.3	81.3	73.6	89.7	82.8	82.9	87.0	88.7
128	78.9	81.9	73.9	91.5	83.2	82.9	87.1	87.5
129	79.4	82.6	74.2	92.4	83.0	83.0	87.0	86.6
130	79.5	81.6	74.4	83.5	81 1	81.8	87.1	92.3
131	79.3	80.7	74.5	80.5	81.5	82.2	87.1	92.5
132	79.6	81.8	74.6	89.7	82.3	85.0	87.1	93.1
133	79.7	81.2	74.7	87.3	82.3	82.9	87.2	91.8
134	79.5	80.4	74.9	80.4	81.3	82.2	87.2	92.5
135	79.6	81.1	75.	88.6	81.8	85.3	87.3	93.1

Julian Date





Byd

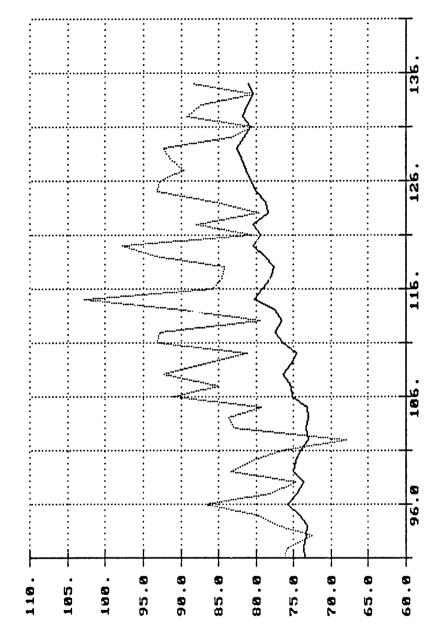
30

Higgs

Fahrenheit

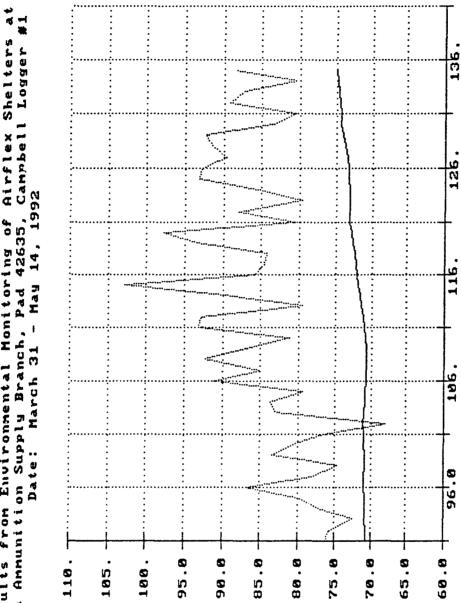
..... Ambient

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Annunition Supply Branch, Pad 42635, Campbell Logger 1 Date: March 31 - May 14, 1992 March 31 - May 14, 1992



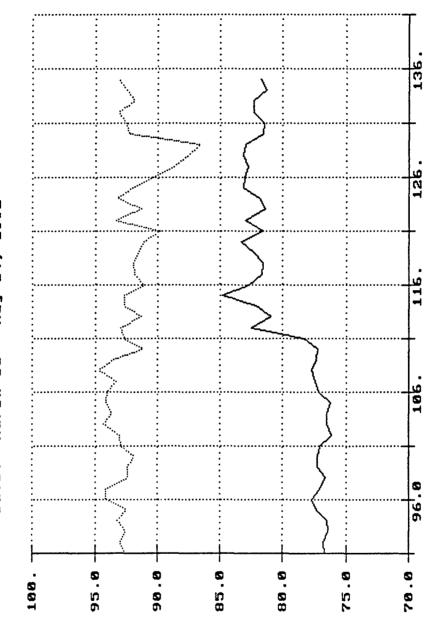
a pad to qot ia avutarament Degrees Fahrenheit

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger # Date: March 31 - May 14, 1992



Fahrenheit Temperature at Bottom of Bag

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 - May 14, 1992 March 31 Date:

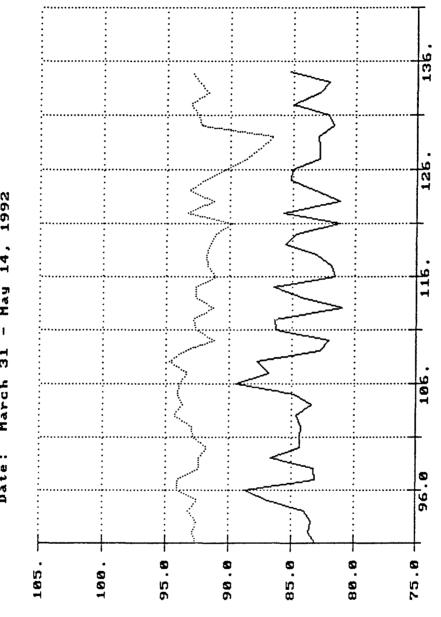


Humidity at Middle of Bag # Percent Humidity

Julian Date

..... Ambient

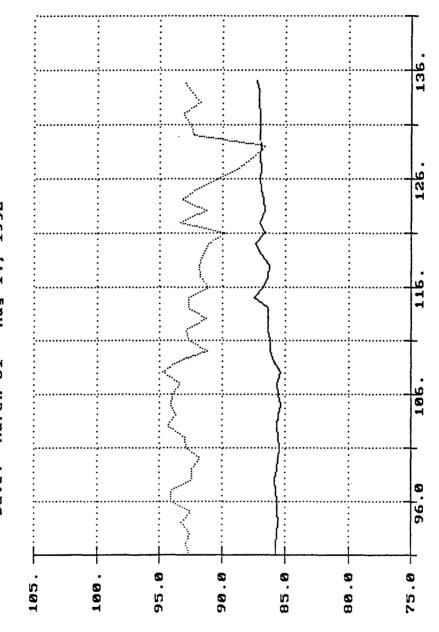
Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger # Date: March 31 - May 14, 1992



Humidity at Top of Bag #4 Percent Humidity Julian Date

...... Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: March 31 - May 14, 1992



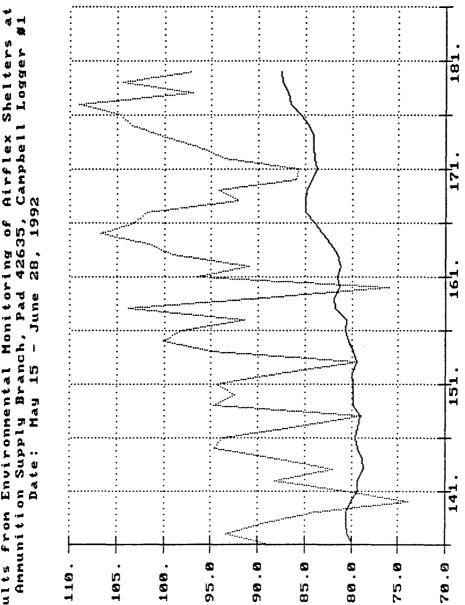
Percent Humidity

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: May 15 - June 28, 1992

	<	Temperatu	ire	>	< -	Humidity	,	>
Julian	Middle	Тор	Bottom	Ambient	Middle	Тор	Bottom	Ambient
Date	Bag #1	Bag #4	Bag #2		Bag #1	Bag #4	Bag #2	,
	Chan 2	Chan 4	Chan 5	Chan 7	Chan 2	-	Chan 5	Chan 7
	_				****		****	
136	79.9	81.6	75.1	88.6	82.2	84.3	87.3	92.7
137	80.4	82.8	75.3	93.3	84.0	84.7	88.5	92.4
138	80.5	83.3	75.5	89.1	83.2	83.1	87.9	91.9
139	80.6	82.5	75.6	83.8	82.4	82.1	87.9	91.6
140	80.0	80.9	75.6	73.9	81.3	81.7	87.9	92.5
141	79.3	79.7	<i>7</i> 5.5	80.5	81.5	82.5	87.9	93.1
142	79.3	80.5	75.4	88.2	82.2	83.8	87.8	93.3
143	78.8	79.4	75.4	82.1	81.6	82.4	87.7	93.0
144	78.8	80.2	75.3	87.9	82.3	84.3	87.7	92.8
145	79.3	81.7	<i>7</i> 5.3	94.7	84.2	86.2	87.7	93.4
146	79.6	82.9	75.4	93.7	84.5	86.7	87.6	92.9
147	79.3	81.6	75.5	86.4	82.7	81.6	87.6	91.5
148	79.0	80.3	75.5	78.9	82.3	81.4	87.6	89.7
149	79.8	83.0	75.5	94.8	84.8	87.1	87.5	93.7
150	79.8	83.0	75.5	92.5	84.5	84.8	87.5	92.3
151	79.8	83.1	75.6	94.4	83.9	82.7	87.4	91.3
152	79.9	82.2	75.7	87.8	83.2	80.7	87.5	86.8
153	79.4	80.5	75.7	79.3	82.4	80.5	87.4	84.0
154	79.9	81.7	75.7	94.9	83.5	83.9	87.4	90.2
155	80.3	83.8	75.9	100.1	84.8	86.7	87.4	92.7
156	80.7	83.8	76.0	98.2	84.8	84.5	87.4	91.4
157	80.6	83.3	76.2	91.5	83.4	81.8	87.5	87.3
158	81.8	86.1	76.6	103.9	85.3	84.7	87.9	91.9
159	81.9	85.3	76.8	89.3	83.4	79.9	88.1	87.7
160	81.3	83.8	76.9	76.0	82.3	80.2	88.0	90.8
161	81.6	84.7	76.9	96.5	83.5	85.4	87.9	93.0
162	81.2	83.5	76.9	91.0	82.7	82.7	87.9	91.9
163	81.5	84.6	77.1	99.1	83.4	84.6	87.9	91.7
164	82.3	87.0	77.4	101.7	84.7	86.1	88.2	91.3
165	83.1	89.3	77.8	106.7	85.5	83.3	89.0	90.6
166	84.1	90.3	78.3	103.1	85.3	83.6	90.2	90.0
167	84.9	91.7	78.9	101.9	85.0	82.7	91.0	89.7
168	84.9	89.7	79.1	92.2	83.7	78.1	90.8	89.5
169	84.8	89.2	79.0	94.3	83.4	79.9	90.7	91.0
170	84.2	87.6	79.0	86.0	82.9	79.9	90.4	91.4
171	83.8	86.6	78.9	85.8	82.5	79.9	90.3	90.9
172	84.0	87.0	78.9	93.6	83.5	81.2	90.3	92.1
173	84.1	88.4		96.5				92.5
174	84.1	87.1	79.0	100.2	84.1	80.7	90.0	90.0
175	84.7	89.3	79.4	103.4	84.5	83.6	90.7	90.5
176	85.5	90.3	79.9	104.7	85.2	80.7	91.5	89.5
177	86.5	92.9	80.5	109.0	85.8	82.8	91.7	90.0
178	86.8	91.8	80.8	97.0	84.3	79.1	91.7	86.1
179	87.5	92.9	81.1	104.4	84.6	79.6	92.0	88.7
180	87.6	92.5	81.3	97.0	83.8	78.9	91.7	85.7

33

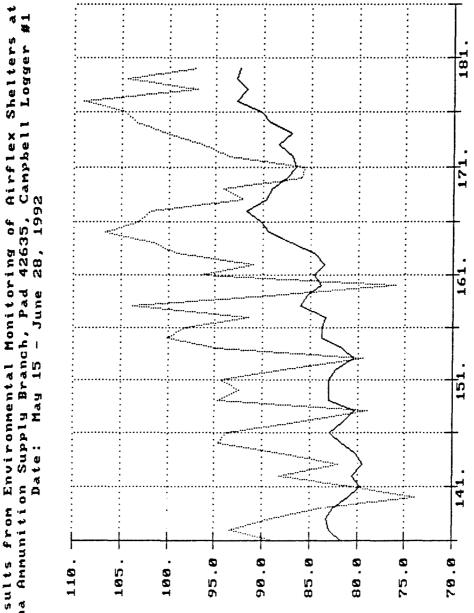
Peak Results fron Environmental Monitoring of Airflex Shelters a Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: May 15 - June 28, 1992



ot Bag Middle Julian Date

- Ambient

Peak Results from Environmental Monitoring of Airflex Shelters as Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: May 15 - June 28, 1992

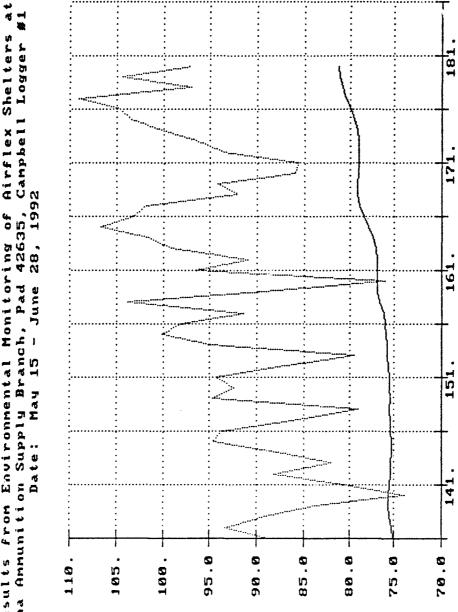


pad to

Julian Date

Temperature at

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger 1 Date: May 15 - June 28, 1992



Bottom of Bag

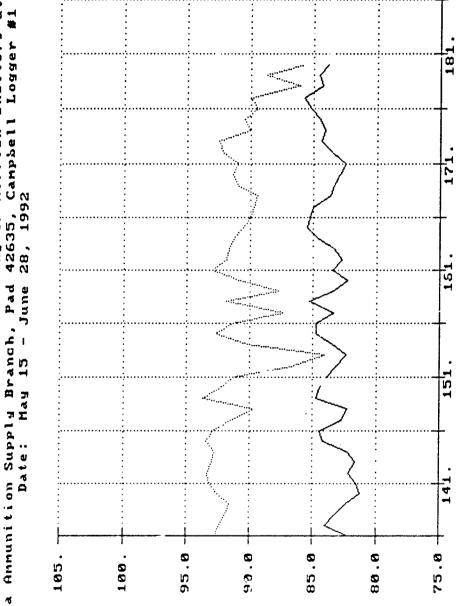
Julian Date

Degrees Fahrenheit

Temperature

3.6

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Anmunition Supply Branch, Pad 42635, Campbell Logger | Date: May 15 - June 28, 1992

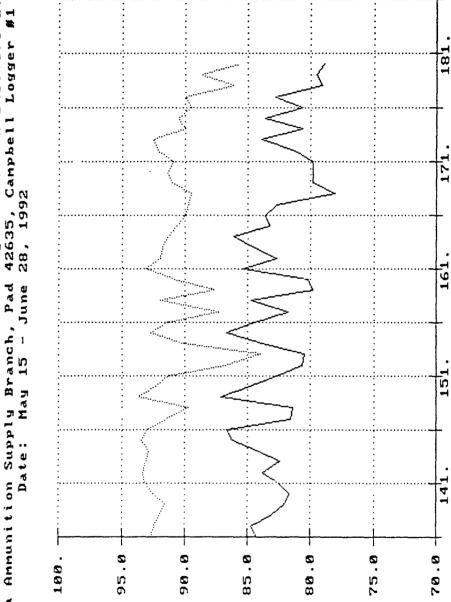


Anbient

Julian Date

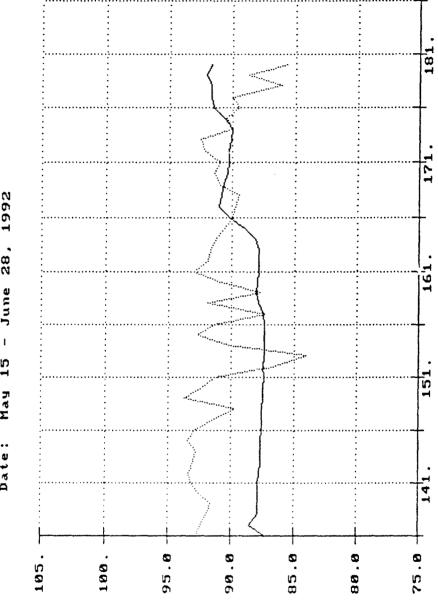
ot Bag albbiM

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: May 15 - June 28, 1992



at Top of Bag БаірімпН

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: May 15 - June 28, 1992



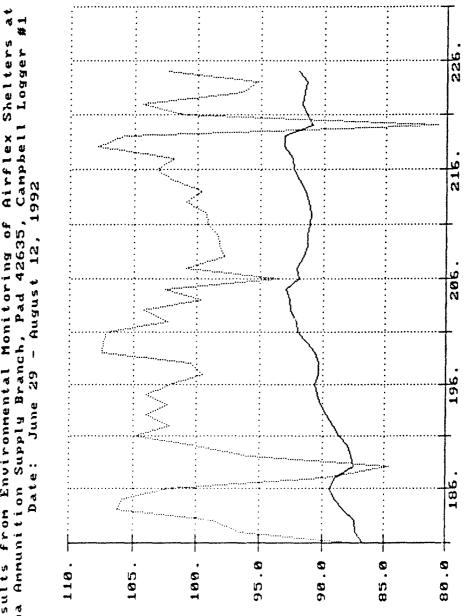
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Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: June 29 - August 12, 1992

	< Temperature		><		Humidity		>	
Julian	Middle	Top	Battom	Ambient	Middle	Top	Bottom	Ambient
Date	Bag #1	Bag #4	Bag #2		Bag #1		8ag #2	
		Chan 4	-	Chan 7	Chan 2		Chan 5	Chan 7
181	86.8	90.4	81.1	87.9	82.7	78.8	91.5	92.1
182	87.4	92.1	81.1	96.6	84.1	83.3	91.8	91.6
183	87.5	92.9	81.3	98.6	84.1	82.0	92.1	91.5
184	88.4	95.3	81.8	106.3	85.1	82.3	92.8	90.9
135	89.1	96.0	82.2	105.8	85.2	79.6	92.6	90.3
186	89.5	96.5	82.6	102.1	84.7	78.9	92.9	87.4
187	89.0	94.3	82.6	89.9	83.4	76.0	92.2	90.9
188	87.6	91.7	81.6	84.6	82.9	77.1	92.1	91.5
189	87.7	91.2	81.7	95.8	83.4	78.9	92.3	91.7
190	88.0	93.2	81.9	100.0	83.9	79.5	92.3	91.1
191	88.8	96.0	82.2	104.8	85.1	79.7	92.2	91.8
192	89.2	97.3	82.5	102.1	85.1	80.1	92.0	91.4
193	89.8	98.4	82.7	104.0	85.1	77.5	92.1	90.8
194	90.2	98.5	82.9	102.2	84.7	76.0	92.2	87.9
195	90.5	100.8	83.0	104.0	85.0	79.2	91.8	90.5
196	90.7	99.9	83.0	102.1	85.0	78.0	91.6	90.6
197	90.4	98.4	83.1	99.6	84.2	76.4	91.3	87.2
198	90.4	97.8	83.2	100.5	84.1	76.1	91.3	89.3
199	90.7	102.9	83.7	107.5	84.6	75.8	90.5	87.2
200	91.4	103.5	84.0	107.4	85.0	76.3	90.6	87.3
201	92.0	103.3	84.4	107.1	85.3	76.8	90.7	88.4
202	92.2	99.9	84.7	102.3	84.8	74.8	90.6	85.2
203	92.7	101.4	84.9	104.3	84.9	76.4	90.7	91.2
204	92.8	100.9	85.1	99.€	84.3	77.2	90.7	90.3
205	93.0	101.8	85.1	102.6	84.6	76.4	90.6	88.1
206	92.0	96.4	85.2	93.5	83.6	76.4	90.6	89.9
207	92.2	98.4	85.1	100.9	84.1	77.7	90.6	92.1
208	91.6	94.8	85.0	97.7	83.6	78.1	90.6	89.5
209	91.3	97.7	85.1	98.2	83.3	79.9	90.5	91.9
210	91.3	96.5	85.1	98.3	83.6	79.8	90.5	91.6
211	91.1	98.9	85.0	99.2	83.6	79.8	90.6	91.5
212	91.1	99.0	85.0	99.2	83.6	79.6	90.6	90.8
213	91.3	98.5	85.0	100.8	84.3	78.6	90.6	91.5
214	91.5	100.6	85.1	99.6	84.7	80.0	90.8	91.9
215	92.0	101.4	85.2	101.9	84.6	78.5	90.9	88.6
216	92.4	101.7	85.4	103.2	84.5	77.9	90.8	88.7
217	92.6	100.5	85.5	101.8		77.8	90.8	87.6
218	93.2	103.9	85.6	107.8	84.9	78.6	90.8	89.1
219	93.2	102.7	85.7	105.8	84.6	77.5	90,9	85.4
220	90.9	93.5	85.6	80.7	82.0	77.9	90.6	91.1
221	91.4	98.2	85.3	101.2	83.4	78.7	90.3	92.1
555	91.8	101.9	85.4	104.4	83.9	79.4	90.4	90.9
553	91.6	96.8	85.5	96.5	83.0	78.3	90.4	91.0
224	91.4	97.5	85.6	95.3	82.8	79.0	90.3	91.2
225	92.0	101.3	85.5	102.4	83.9	79.8	90.4	91.0

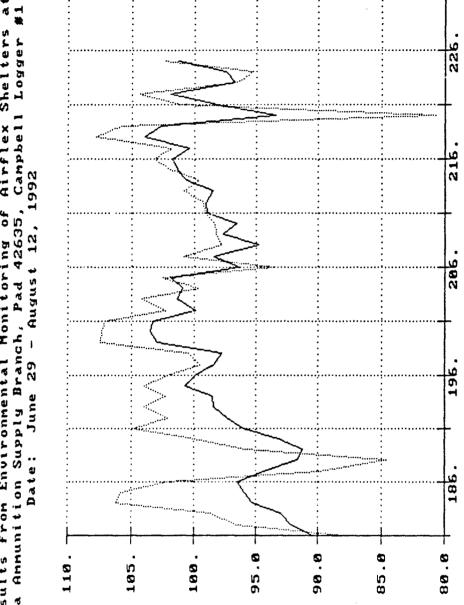
Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger # Date: June 29 - August 12, 1992



Degrees Fahrenheit It yed to slbbin th snutsraqual

Ambient

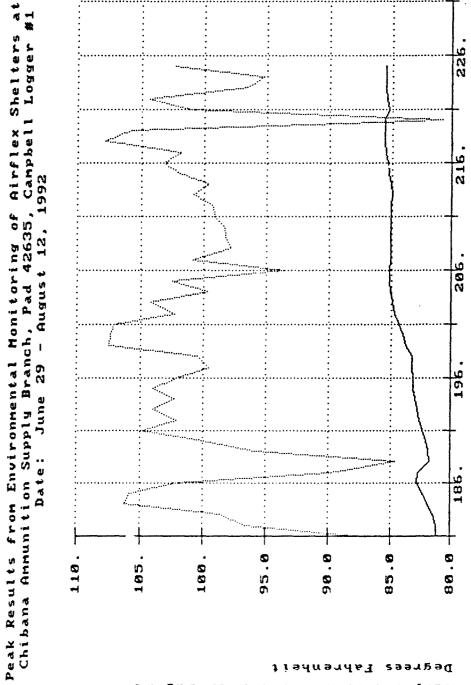
Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger 1



. Ambient

Julian Date

psa to qo I



Bottom of Bag

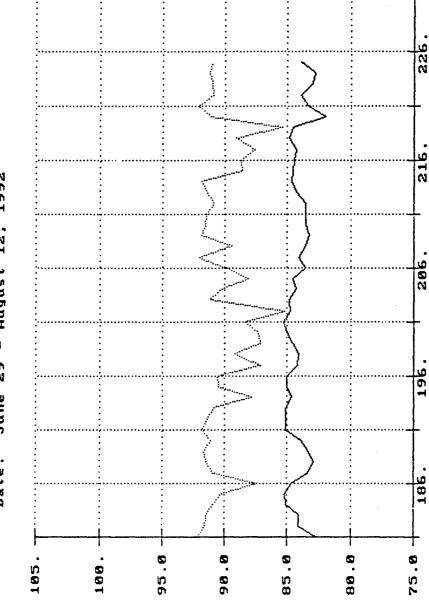
Ambient

Julian Date

Degrees

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Annunition Supply Branch, Pad 42635, Campbell Logger 1 - August 12, 1992 June 29 Date:

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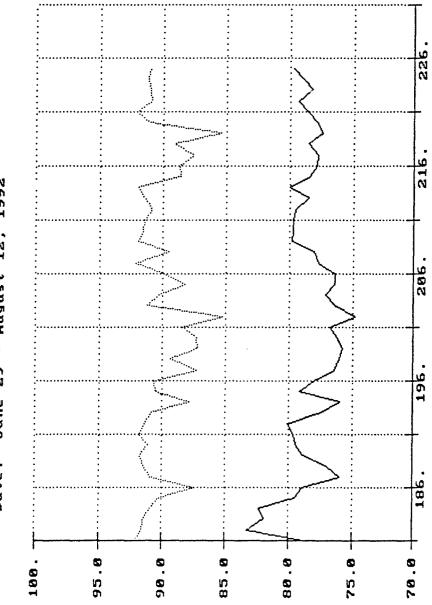


Ambient

Julian Date

Humidity at Middle of Bag # Percent Humidity

Peak Results from Environmental Monitoring of Airflex Shelters as Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 - August 12, 1992 June 29 Date:

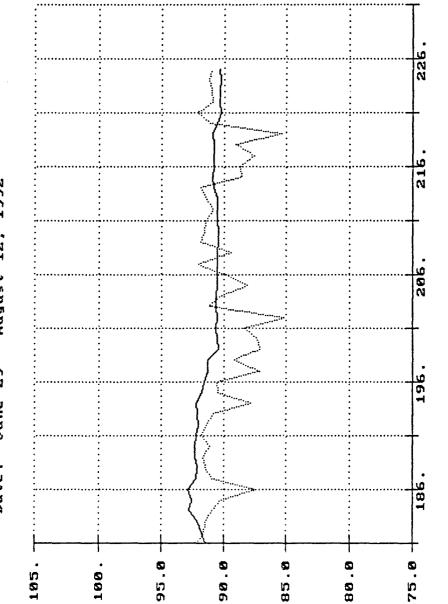


... Ambient

Julian Date

ниміді қарабы Бад ж. Ретселе Ниміді еу

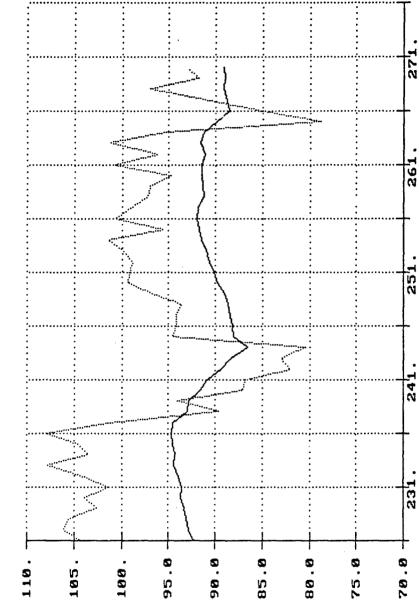
Peak Results from Environmental Monitoring of Airflex Shelters a Chibana Amnunition Supply Branch, Pad 42635, Campbell Logger #1 June 29 - August 12, 1992 Date:



Humidity at Bottom of Bag #2 Percent Humidity

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: August 13 - September 26, 1992

	<	Temperatu	ire	•>	<	Humidity	,	>
Julian	Middle	Top	Bottom	Ambient	Middle	Top	Bottom	Ambient
Date	Bag #1	Bag #4	Bag #?		Bag #1	Bag #4	Bag #2	
	Chan 2	Chan 4	Chan 🤳	Chan 7	Chan 2	Chan 4	Chan 5	Chan 7
226	92.3	101.8	85.7	104.2	83.9	79.5	90.5	90.9
227	92.8	103.3	85.8	106.1	83.9	78.6	90.5	90.3
228	93.1	103.2	86.0	105.5	83.9	77.9	90.7	90.1
229	93.3	103.0	86.1	102.6	83.8	77.5	90.6	89.9
230	93.7	103.3	86.1	103.9	83.6	77.5	90.6	85.5
231	93.6	101.6	86.3	101.4	83.0	77.0	90.5	85.2
232	94.0	102.6	86.3	104.1	83.3	77.2	90.5	87.7
233	94.4	105.0	86.5	107.8	83.5	77.8	90.7	86.4
234	94.3	104.7	86.6	103.6	83.1	77.6	90.5	86.6
235	94.6	103.5	86.7	104.7	83.3	77.6	90.3	87.7
236	94.7	104.2	86.8	107.9	83.3	76.5	90.2	86.0
237	94.6	102.4	86.9	101.3	82.8	77.3	90.1	90.5
238	93.0	94.4	86.9	89.6	81.2	77.6	89.8	90.8
239	92.9	96.6	86.9	94.1	81.6	78.6	89.7	91.0
240	91.6	91.2	86.7	87.1	80.8	79.2	89.6	90.7
241	90.9	91.0	86.5	86.8	80.4	80.2	89.6	90.2
242	89.4	88.6	86.3	82.0	79.9	81.3	89.5	91.5
243		87.3	85.9	83.0	79.7	81.5	89.4	91.8
244	86.6	86.0	85.0	80.5	79.4	81.2	91.1	92.2
245	88.1	91.3	84.5	94.5 94.2	81.3	81.5	89.0	91.8
246 247	88.2 88.4	91.9 92.0	84.6 84.6	94.2	81.8 81.8	83.1 80.7	89.1 89.2	90.8 90.4
247	88.6	93.5	84.7	93.8	81.8	81.9	89.2	90.4
249	89.1	93.2	84.7	96.8	82.5	81.3	89.2	91.1
250	89.8	98.2	84.6	99.4	83.6	83.1	89.2	91.2
251	90.1	98.6	84.7	99.2	83.5	81.6	89.1	90.7
252	90.6	99.2	84.8	98.9	83.7	81,4	89.1	90.5
253	91.0	99.4	84.9	100.0	83.8	81.3	89.0	90.2
254	91.5	101.1	85.0	101.5	83.7	80.9	88.9	90.7
255	91.8	100.0	85.1	95.6	83.4	79.9	88.9	91.1
256	92.0	100.5	85.1	100.7	83.5	80.3	88.9	91.1
257	91.9	99.0	85.2	99.1	83.1	79.2	88.8	90.1
258	91.3	96.8	85.2	97.2	81.8	78.1	88.7	89.7
259	91.3	99.6	85.2	97.0	82.2	79.7	88.7	88.8
260	91.4	98.3	85.2	94.8	82.5	79.4	88.7	87.3
261	91.5	98.9	85.1	100.9	82.6	80.1	88.7	89.2
262	91.2	98.0	85.1	96.1	81.8	79.6	88.6	87.5
263	91.7	99.6	85.1	101.3	82.6	79.7	88.7	88.8
264	91.2	95.7	85.2	95.4	81.7	77,8	88.7	85.5
265	89.9	89.7	85.2	78.8	79.9	79.9	83.8	90.5
266	88.6	88.1	85.0	85.0	79.4	80.3	88.8	91.9
267	88.8	90.0	84.5	90.7	80.3	81.1	88.7	91.0
268	89.2	93.7	84.5	97.0	81.4	81.4	88.7	91.3
269	89.1	92.3	84.4	91.9	81.5	81.4	88.7	91.4
270	89.1	94.9	84.4	93.0	81.7	81.5	38.7	87.1



Fahrenheit

at Middle

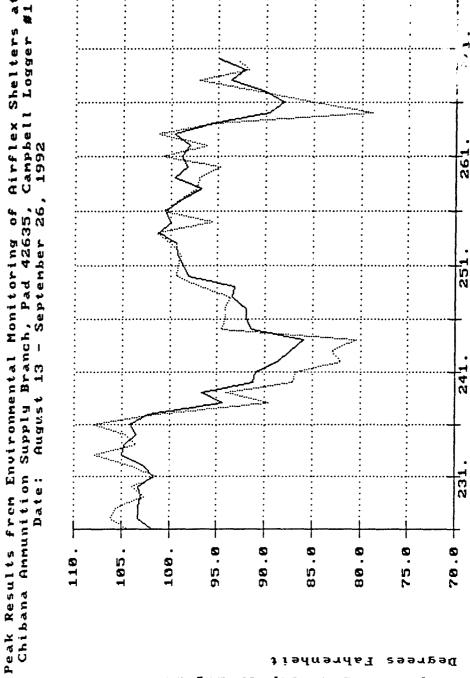
Byg

30

Julian Date

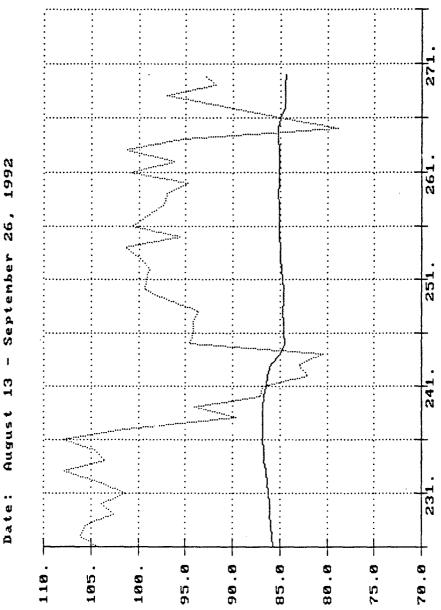
" Ambient

Airflex Shelters Campbell Logger



Degrees Fahrenheit Dea 30 Top Temperature at

Peak Results from Environmental Monitoring of Airflex Shelters a Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: August 13 - September 26, 1992

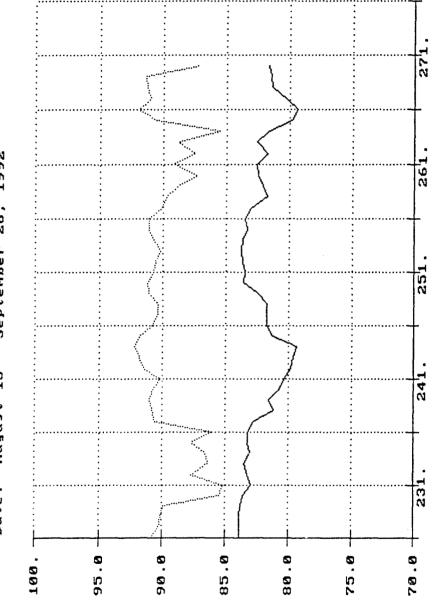


of Bag

Degrees Fahrenheit

Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: August 13 - September 26, 1992



ot Bag

Middle

Julian Date

Percent Humidity

---- Ambient

Julian Date

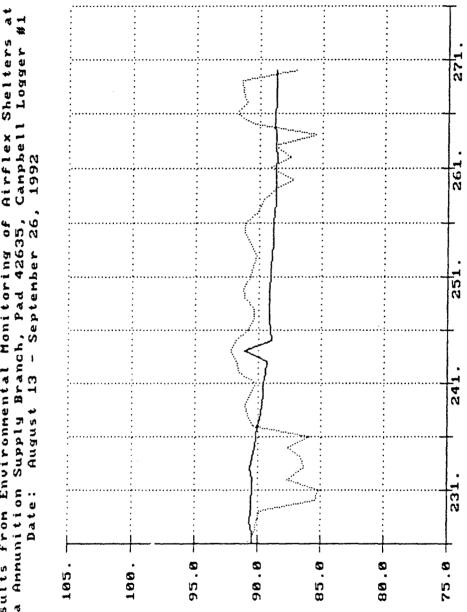
Ambient

Humidity at Top of Bay # Percent Humidity

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: August 13 - September 26, 1992

251. 95.8 90.06 85.0 75.0 70.0 100. 88.8

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: August 13 - September 26, 1992



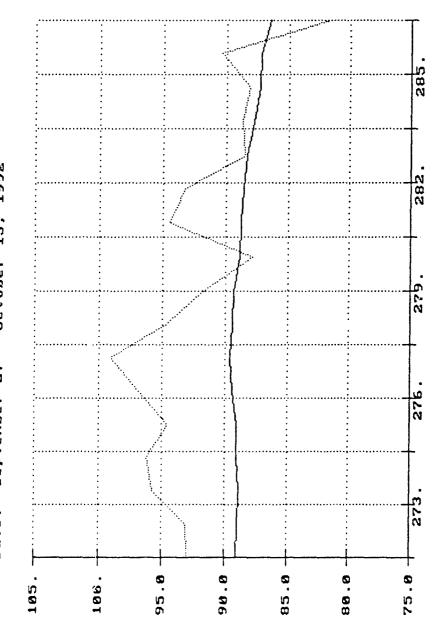
Humidity at Botton of Bay #2

Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: September 27 - October 13, 1992

	< Temperature		><		Humidity		>	
Julian	Middle	Top	Bottom	Ambient	Middle	Top	Bottom	Ambient
Date	Bag #1	Bag #4	Bag #2		Bag #1	Bag #4	Bag #2	
	Chan 2	Chan 4	Chan 5	Chan 7	Chan 2	Chan 4	Chan 5	Chan 7
271	89.1	92.6	84.3	93.0	81.6	81.5	88.7	89.3
272	89.0	93.5	84.0	93.1	81.9	82.6	88.6	93.1
273	88.9	92.0	84.0	95.8	81.6	81.0	88.5	91.7
274	89.1	94.4	83.9	96.2	82.0	82.6	88.6	90.5
275	89.1	94.2	83.9	94.5	81.7	32.0	88.5	91.3
276	89.4	94.9	83.9	96.8	82.2	81.4	88.5	91.0
277	89.6	95.1	83.9	99.1	82.2	81.0	88.5	89.5
278	89.5	94.7	83.9	94.7	81.5	81.9	88.5	91.6
279	89.4	93.3	83.9	91.7	81.4	79.9	88.6	82.4
280	88.9	91.3	83.8	87.9	81.0	79.2	88.6	76.9
281	88.8	94.0	83.7	94.4	81.3	82.4	88.4	88.3
282	88.6	92.8	83.5	93.2	81.1	80.2	88.4	85.3
283	88.4	91.3	83.4	88.5	81.0	80.3	88.3	84.1
284	87.8	91.9	83.1	88.7	80.5	81.6	87.9	81.8
285	87.4	87.3	82.9	88.1	80.0	80.3	88.7	91.1
286	87.2	90.4	82.3	90.4	80.2	83.1	88.8	92.2
287	86.5	87.2	82.3	81.7	79.6	81.3	88.3	91.6

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: September 27 - October 13, 1992



Beg

40

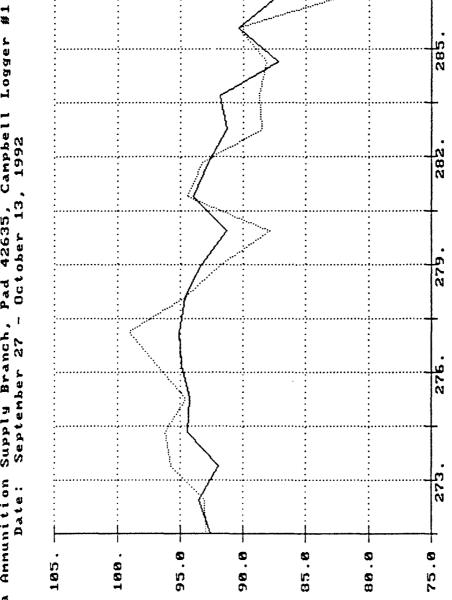
Middle

Julian Date

..... Ambient

Dearees Fahrenhei

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger 1

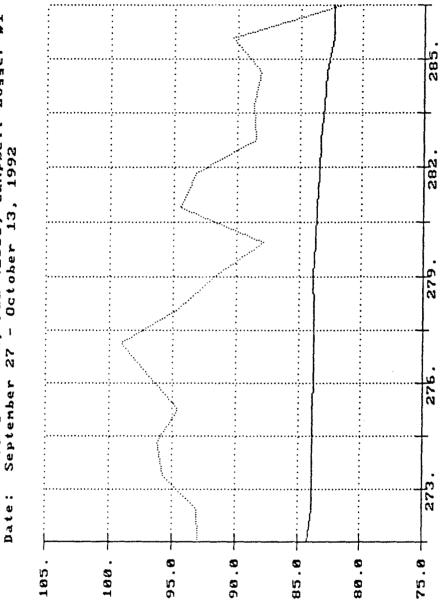


Bva

30

Ambient

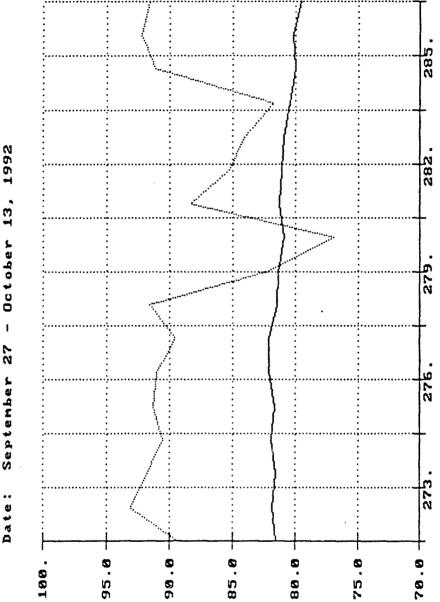
Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger #1 Date: Septenber 27 - October 13, 1992



Temperature at Bottom of Bag #2 Degrees Fahrenheit Julian Date

..... Ambient

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad ~3635, Campbell Logger 1 Date: September 27 - October 13, 1992



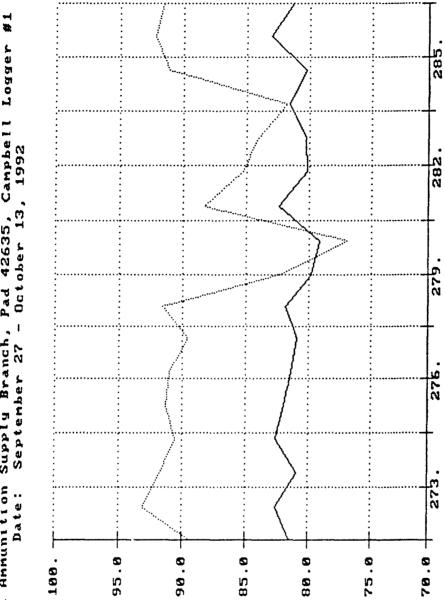
Percent Humidity of Bag #:

Julian Date

..... Ambient

N.

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger 1

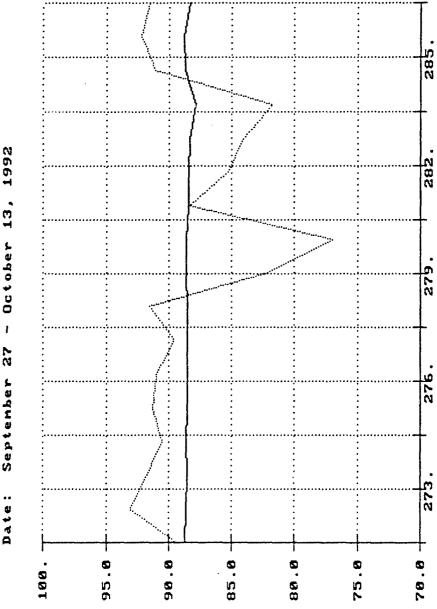


Humidity at Top of Bay

Julian Date

Ambient

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42635, Campbell Logger # Date: September 27 - October 13, 1992



F

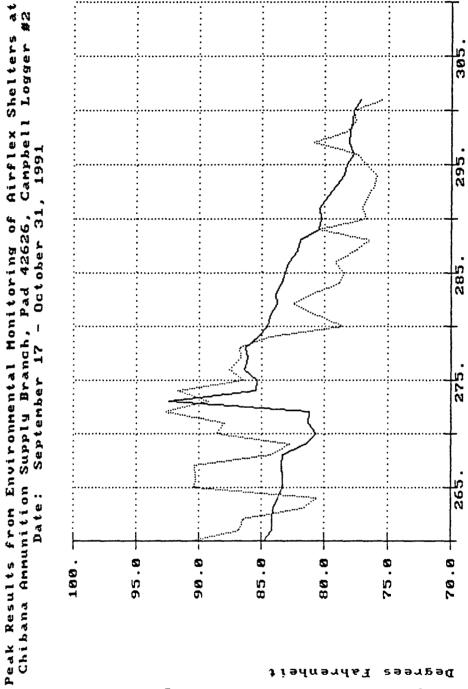
Humidity at Botton of Bag # Percent Humidity Julian Date

.... Ambient

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Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: September 17 - October 31, 1991

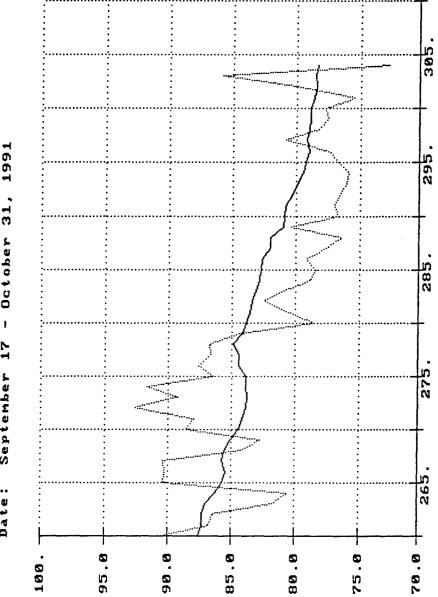
	<	Temperatur	e	>	<	Humidity		>
Julian	Bottom	Middle	Top	Ambient	Bottom	Middle	Top	Ambient
Date	Bag #1	Bag #3	Bag #4		Bag #1	Bag #3	Bag #4	
	Chan 1	Chan 3	Chan 4	Chan 8	Chan 1	Chan 3	Chan 4	Chan 8
260	84.8	87.5	101.1	90.6	87.9	86.5	80.6	92.0
261	84.1		93.6	86.8	87.4	86.3	82.5	72.2
262	84.2		98.1	86.5	87.3	86.3	82.6	93.5
263	84.1		90.8	81.8	87.2	85.8	83.2	93.8
264	83.7		87.9	80.6	86.9	85.1	83.5	93.9
265	83.4		91.6	90.4	86.6	85.3	83.9	93.2
266	83.4		92.4	90.2	86.4	85.4	83.5	93.0
267	83.5		97.4	90.3	86.4	85.9	83.4	92.3
268	83.3		88.9	84.1	86.3	85.7	83.1	93.2
269	81.6		85.6	82.8	86.7	85.1	84.5	101.7
270	80.7		86.1	88.6	86.5	85.0	85.0	92.0
271	81.3		90.6	88.0	86.4	85.0	85.1	92.4
272	81.3		91.8	92.6	86.5	85.3	84.7	92.5
273	92.4		89.8	89.2	86.7	85.4	83.6	92.1
274	85.5		93.8	91.6	77.5	85.5	83.8	92.1
275	85.4		91.9	86.5	77.3	85.6	84.7	92.2
276	86.4		98.2	87.6	79.7	86.5	83.8	91.9
277	86.1	84.5	98.0	86.7	79.1	86.3	84.5	92.6
278	86.3		96.7	86.7	80.1	86.9	83.1	92.3
279	85.3		90.7	84.4	77.8	85.5	84.0	91.9
280	84.5		86.2	78.5	76.8	85.2	84.6	87.0
281	84.3		85.7	80.5	77.8	85.2	86.0	91.4
282	83.9		85.3	82.5	77.4	85.2	86.1	91.7
283	83.9		87.2	80.9	78.2	85.2	85.5	87.5
284	83.4	82.9	88.9	78.9	77.9	85.1	85.6	76.4
285	83.1	82.8	91.3	78.5	78.4	85.3	85.1	78.1
286	82.9	82.7	92.8	79.2	78.9	85.4	85.2	88.0
287	82.2	82.0	89.2	77.6	77.9	84.7	85.4	91.3
288	81.9	82.0	91.1	76.4	78.7	84.9	85.0	93.4
289	80.5	81.1	85.3	80.5	76.8	83.8	85.0	94.3
290	80.3	80.9	81.5	76.7	76.5	84.0	84.5	92.4
291	80.4	80.9	85.5	77.0	78.2	84.3	85.0	91.6
292	79.8	80.3	86.2	76.6	78.0	83.8	87.0	92.6
293	79.2	79.9	83.2	76.1	77.3	83.4	85.2	93.7
294	78.5	79.5	85.0	75.8	77.1	83.1	85.0	91.5
295	78.3	79.3	84.3	76.7	77.6	83.2	83.9	91.1
296	77.8	79.0	82.5	77.5	76.9	83.0	83.6	92.7
297	78.1	79.2	86.0	80.9	78.3	84.1	83.4	92.8
298	78.0	79.0	84.7	78.2	77.7	83.5	82.9	92.6
299	77.8	78.9	79.2	77.5	77.4	83.6	82.4	91.9
300	77.7	79.0	79.3	77.3	77.2	83.7	83.1	90.7
301	77.2	78.7	78.2	75.5	76.1	83.3	83.5	90.5
302		78.5	78.4	80.2		83.4	83.5	91.5
303		78.5	80.4	85.9		83.7	83.3	90.6
304		78.4	77.5	72.5		83.1	83.4	90.9



ot Bag Bottom Julian Date

Ambient

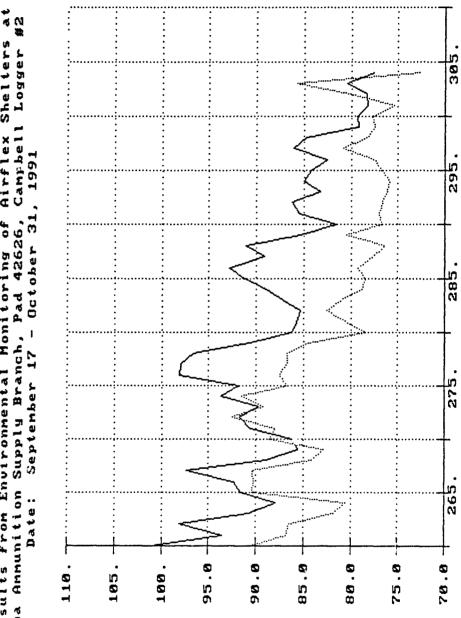
Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: September 17 - October 31, 1991 Peak Results from Environmental Monitoring of Airflex Shelters



Temperature at Middle of Bag #3 Degrees Fahrenheit Julian Date

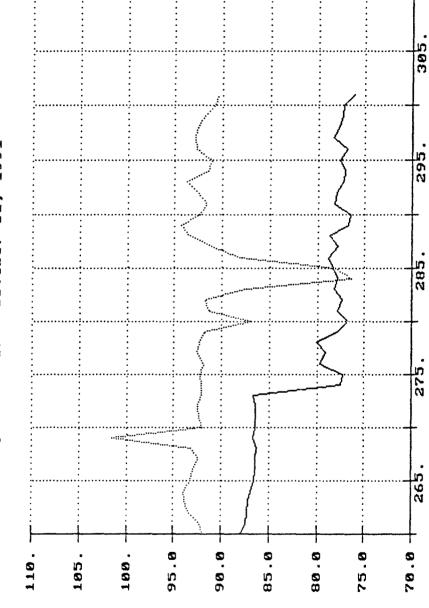
........... Ambient

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Amunition Supply Branch, Pad 42626, Campbell Logger 1 Date: September 17 - October 31, 1991



Fahrenheit Temperature at Top of Bag

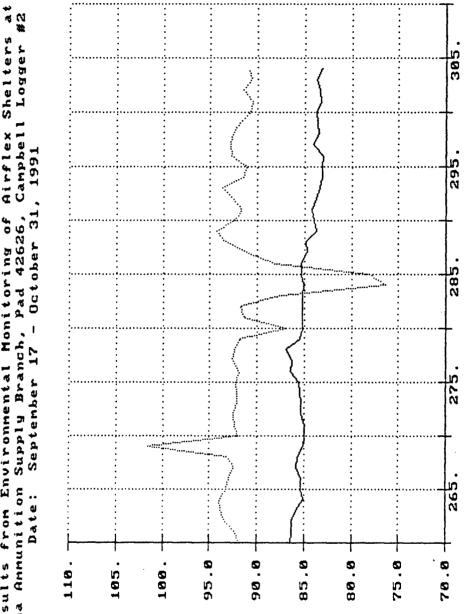
Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: September 17 - October 31, 1991 Peak Results from Environmental Monitoring of Airflex Shelters



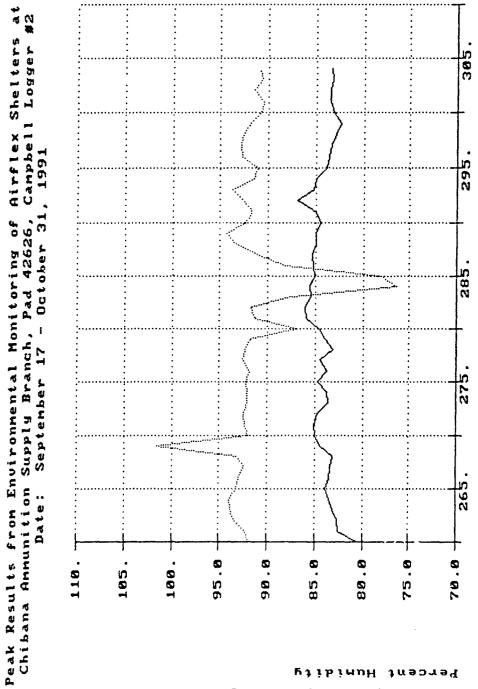
" Ambient

Percent Humidity

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: September 17 - October 31, 1991



bed to Middle



Top of Bag te ptibimuH Julian Date

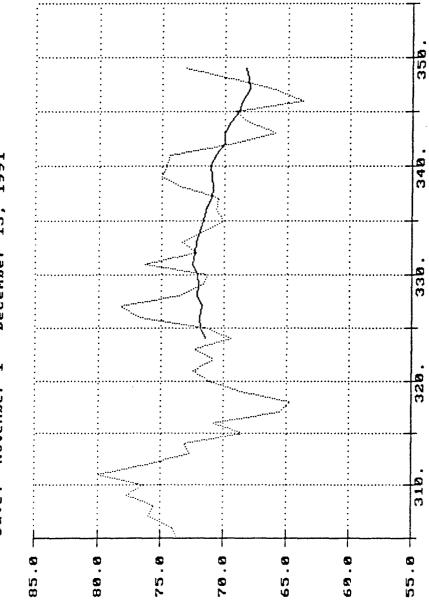
7

Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: November 1 - December 15, 1991

	<	Temperatu	re	•••>	<	Humidity	•	•>
Julian	Bottom	Middle	Top	Ambient	Bottom	Middle	Top	Ambient
Date	8ag #1	Bag #3	8ag #4		8ag #1	Bag #3	Bag #4	
	Chan 2	Chan 3	Chan 4	Chan 8	Chan 2	Chan 3	Chan 4	Chan 8
305		77.4	77.0	<i>7</i> 3.7		82.6	84.1	88.3
306		77.2	77.1	74.0		82.6	84.1	90.7
307		76.8	78.2	75.9		82.5	84.0	92.0
308		76.6	78.9	75.5		82.5	84.0	91.4
309		76.4	78.0	77.7		82.5	84.0	82.8
310		76.4	79.4	76.4		82.5	83.8	89.1
311	•	76.2	81.8	80.0		82.5	83.7	92.3
312		76.2	80.0	75.7		82.6	83.2	91.9
313		76.1	79.1	72.6		82.6	83.1	90.6
314		75.9	78.1	73.0		82.5	83.1	79.9
315		75.8	74.5	68.5		82.1	83.1	90.7
316		75.3	76.1	70.8		82.0	83.4	75.2
317		75.0	73.5	65.6		81.4	83.0	92.4
318		74.4	72.5	64.8		80.9	83.3	91.7
319		74.0	72.8	68.6		81.0	83.3	87.5
320		73.7	73.4	71.1		81.1	83.5	90.1
321		73.6	74.1	72.4		81.6	83.0	85.1
322		73.6	74.4	70.9		81.7	83.2	89.9
323		73.3	73.6	72.3		81.4	83.3	92.2
324	71.5	73.1	72.6	69.5	87.7	81.4	83.0	88.5
325	71.8	<i>7</i> 3.0	73.0	71.4	78.1	81.5	82.9	89.7
326	72.0	73.0	73.6	76.8	77.1	81.6	82.8	92.0
327	71.8	72.9	73.8	78.2	76.8	81.6	82.8	91.4
328	<i>7</i> 2.1	72.9	73.4	73.5	76.8	81.7	82.2	90.6
329	72.1	72.9	73.8	71.8	76.8	81.8	82.4	79.9
330	<i>7</i> 2.1	73.0	72.8	71.3	76.5	82.0	81.6	90.2
331	72.5	73.1	74.2	76.4	76.5	82.1	82.0	89.6
332	72.3	73.1	73.6	72.3	76.4	82.2	82.3	89.7
333	72.2	73.1	73.3	73.3	76.1	82.1	82.6	90.3
334	71.9	72.9	72.9	71.8	76.0	81.8	82.6	90.7
335	71.7	72.7	72.4	70.0	75.8	81.6	82.5	89.9
336	71.5	72.5	72.2	70.7	75.7	81.4	82.6	88.3
337	71.0	72.2	71.5	70.4	75.3	81.2	82.5	91.0
338	71.0	71.9	71.9	73.2	75.2	81.0	82.3	91.4
339	71.1	71.7	72.2	74.9	75.3	81.2	82.2	90.9
340	71.2	71.7	73.1	74.7	75.5	81.3	82.0	90.5
341	70.8	71.6	71.5	74.3	75.3	81.2	82.3	90.7
342	70.0	71.4	70.5	69.2	75.7	81.0	82.3	90.4
343	70.0	71.3	70.1	66.0	75.3	80.9	82.3	71.0
344	69.5	70.9	70.1	68.2	75.2	80.6	82.1	90.8
345	68.9	70.5	68.9	69.2	74.9	80.1	82.3	91.2
346	68.6	70.1	69.0	63.9	82.5	80.1	81.7	77.7
347	(8.0	69.8	69.4	66.1	85.6	80.3	81.6	88.8
348	63.1	69.6	69.1	69.5	68.8	80.2	81.5	90.2
349	68.3	69.5	69.6	73.1	69.0	80.5	81.2	89.9

Campbell Logger #2 Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger / Date: November 1 - December 15, 1991



Bva

30

Botton

Degrees Fahrenheit

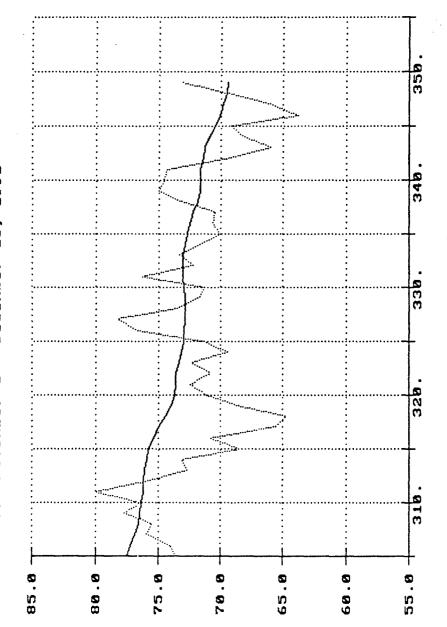
Sanyerature

18

Julian Date

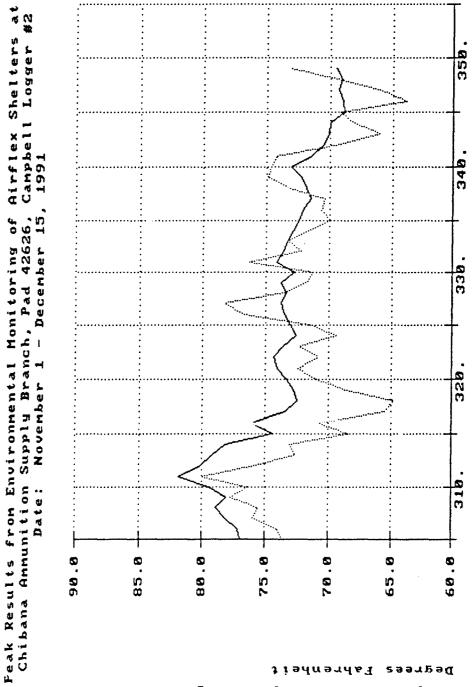
Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Amnunition Supply Branch, Pad 42626, Campbell Logger #2 Date: November 1 - December 15, 1991



... Ambient

Temperature at Middle of Bag #3 Degrees Fahrenheit



Fahrenheit

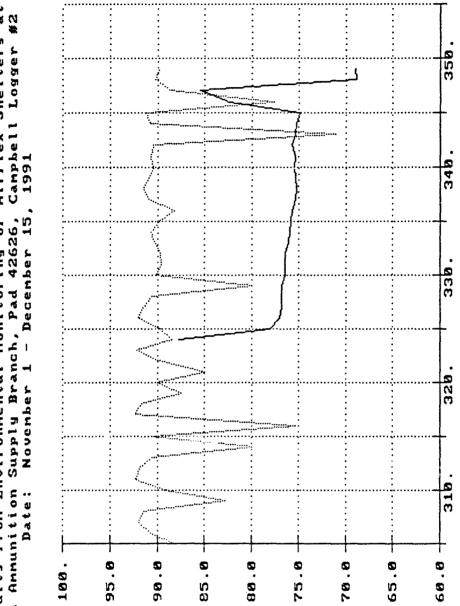
dol

30

Julian Date

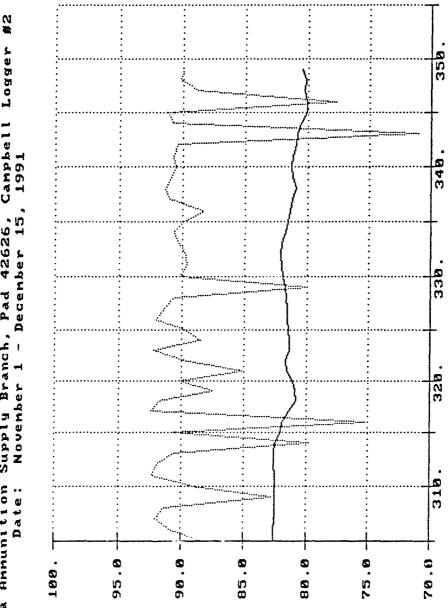
Ambient

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger 1 Date: November 1 - December 15, 1991



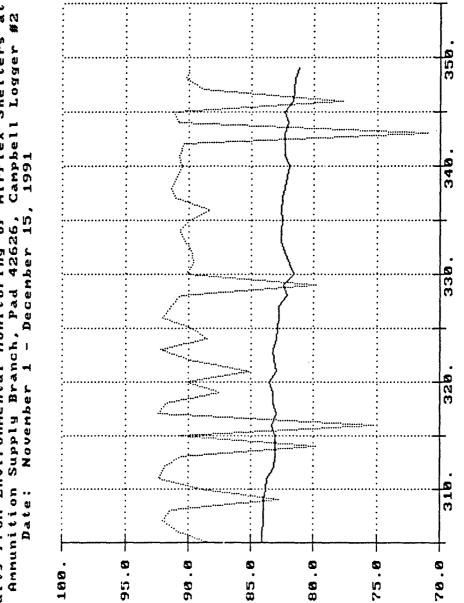
Percent Humidity Humidity at Bottom of Bag

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: November 1 - December 15, 1991



Percent Humidity Middle of Bag #3

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Amnunition Supply Branch, Pad 42626, Campbell Logger 1 Date: November 1 - December 15, 1991

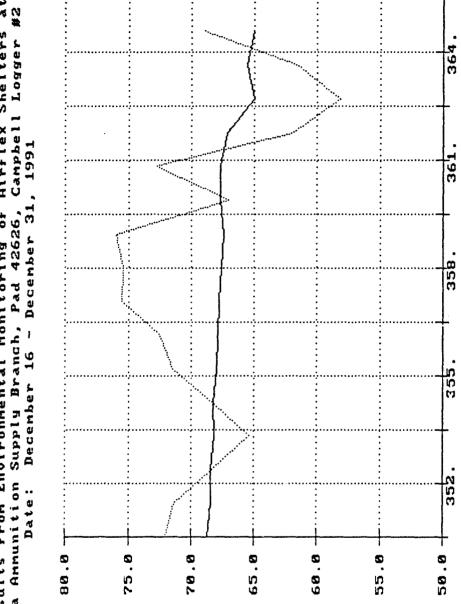


Percent Humidity Humidity at Top of Bag Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: December 16 - December 31, 1991

	<	Temperature		>	<	Humidity		>	
Julian	Bottom	Middle	Тор	Ambient	Bottom	Middle	Top	Ambient	
Date	Bag #1	Bag #3	Bag #4		8ag #1	Bag #3	8ag #4		
	Chan 2	Chan 3	Chan 4	Chan 8	Chan 2	Chan 3	Chan 4	Chan 8	
350	68.7	69.5	69.9	72.0	68.3	80.8	80.8	90.1	
351	68.4	69.5	69.5	71.4	69.2	80.8	81.5	90.4	
352	68.4	69.5	69.6	68.4	69.0	80.9	81.2	89.6	
353	68.1	69.5	69.3	65.4	69.3	80.7	81.2	86.5	
354	68.2	69.3	69.7	68.2	69.3	80.8	80.9	90.8	
355	68.0	69.2	69.5	71.4	69.6	80.7	81.1	90.9	
356	67.9	69.1	69.2	72.5	69.7	80.7	81.2	90.4	
357	67.8	69.0	69.4	75.5	70.0	80.8	81.5	89.8	
358	67.6	69.0	69.2	75.5	7C.0	80.6	81.5	89.8	
359	67.4	68.8	69.2	76.0	70.2	80.6	81.0	89.6	
360	67.7	68.8	68.8	66.9	69.8	80.8	80.6	89.0	
361	67.7	68.8	69.1	72.8	70.0	81.0	80.8	89.8	
362	67.1	68.8	68.4	62.0	70.3	80.9	80.7	89.0	
363	65.0	68.2	65.4	58.2	70.5	79.7	81.4	86.1	
364	65.6	67.6	66.5	61.6	70.0	79.6	81.5	89.9	
365	65.0	67.2	66.2	68.9	69.8	79.3	81.6	91.1	

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #

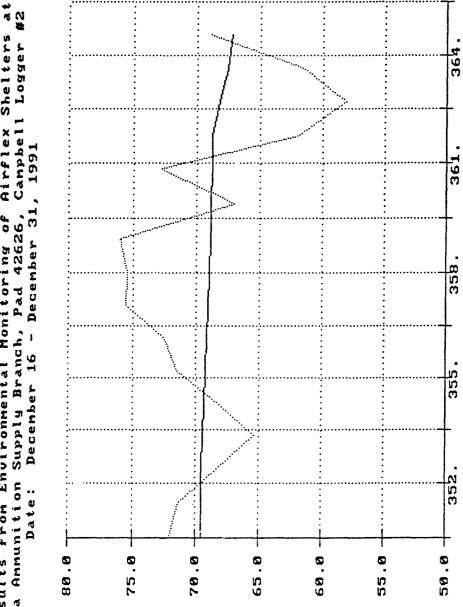


Fahrenheit MOJJOE

Julian Date

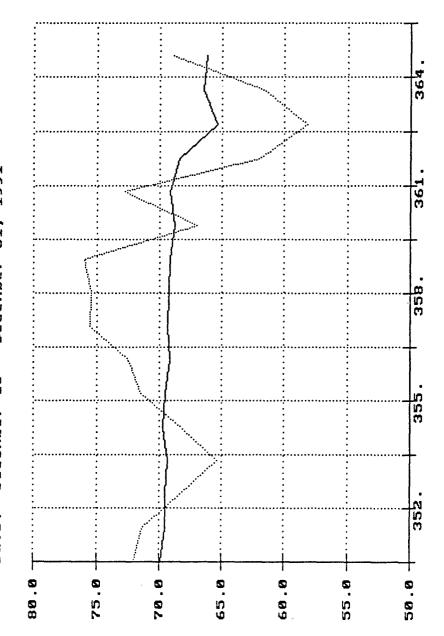
" Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: December 16 - December 31, 1991



Degrees Fahrenheit of Bag #3 Temperature at Middle

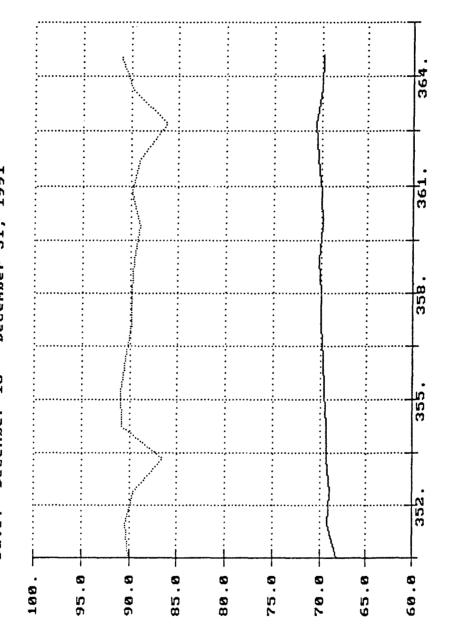
Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: December 16 - December 31, 1991



" Ambient

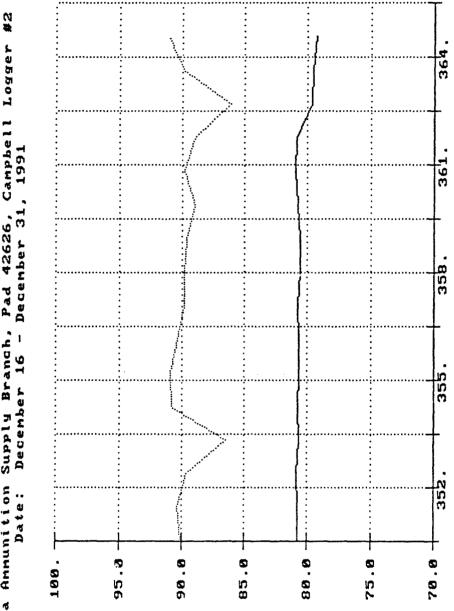
remperature at Top of Bag degrees Fahrenheit

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: December 16 - December 31, 1991



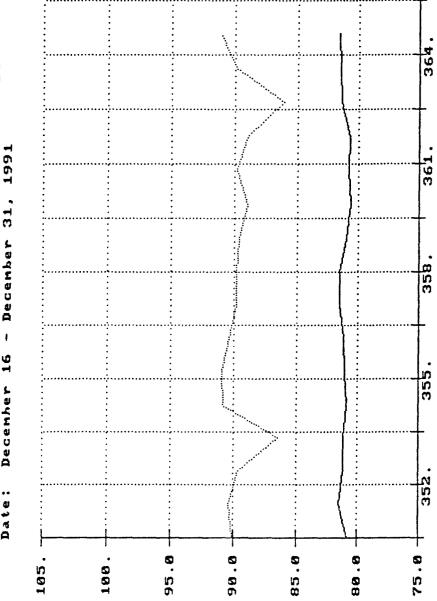
Percent Humidity Percent Humidity

Peak Results fron Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: December 16 - December 31, 1991



ot Bag #3 albbiff ta gaibimuff

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Canpbell Logger #2 Date: December 16 - December 31, 1991

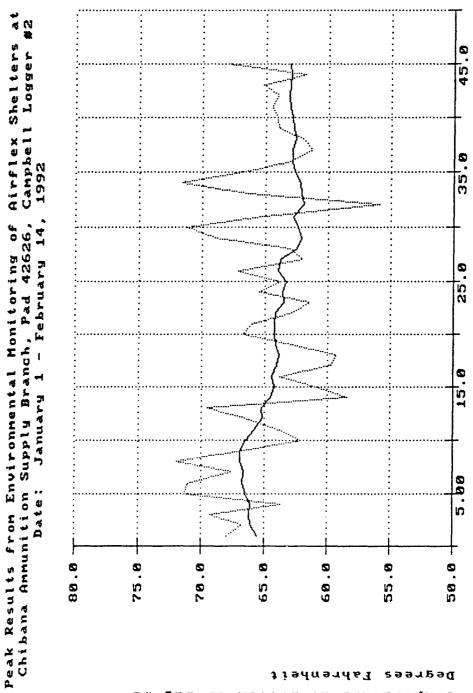


Percent Humidity Percent Humidity

··· Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: January 1 - February 14, 1992

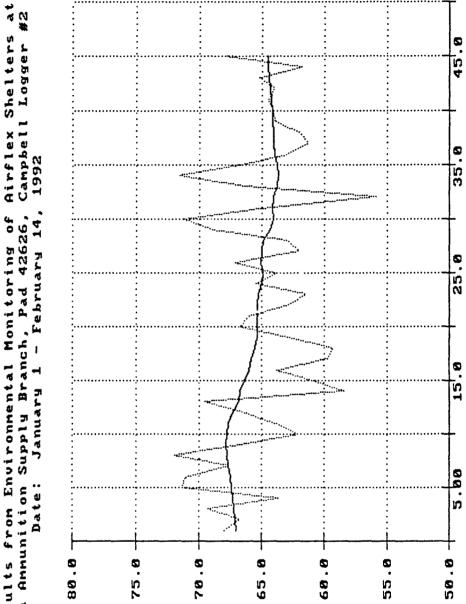
	<	Temperature		>		Humidity		>
Julian	Bottom	Middle	Top	Ambient	Bottom	Middle	Top	Ambient
Date	8ag #1	Bag #3	Bag #4		Bag #1	Bag #3	Bag #4	
	Chan 2	Chan 3	Chan 4	Chan 8	Chan 2	Chan 3	Chan 4	Chan 8
	-				• •			
1	65.6	67.1	66.7	68.0	69.8	80.0	80.7	89.1
2	66.1	67.2	67.5	66.8	69.8	80.5	80.7	86.8
3	66.2	67.2	67.9	69.3	69.9	80.6	81.3	89.4
4	66.2	67.3	67.2	63.6	70.1	80.8	80.8	89.3
5	66.5	67.4	67.7	71.3	70.2	80.9	81.0	88.5
6	66.7	67.5	68.0	71.1	70.4	81.1	80.5	88.1
7	66.7	67.7	67.7	67.6	70.6	81.3	81.1	88.4
8	66.9	67.8	67.9	72.0	70.8	81.5	81.2	87.9
9	66.9	67.9	68.0	66.7	70.8	81.5	81.6	86.8
10	66.5	67.8	66.9	62.1	70.9	81.3	82.2	66.7
11	65.8	67.7	67.3	63.9	71.0	80.8	82.6	90.4
12	65.2	67.3	66.1	66.6	71.0	80.1	82.7	90.3
13	65.3	66.9	67.0	69.7	70.6	80.1	82.2	89.4
14	64.5	66.7	64.7	58.5	70.8	79.9	81.5	87.2
15	64.2	66.4	64.8	60.9	70.5	79.7	82.0	88.8
16	64.5	66.0	65.3	63.8	70.3	79.2	81.9	88.9
17	64.1	65.9	64.8	59.8	70.3	79.6	82.2	66.8
18	64.0	65.6	64.1	59.4	70.2	79.7	82.1	66.8
19	64.2	65.4	65.3	62.9	70.2	79.9	82.1	86.1
20	64.3	65.4	65.8	66.8	70.3	80.2	81.7	88.4
21	64.3	65.4	65.0	66.0	70.4	80.3	81.6	89.8
22	64.2	65.4	65.4	62.8	70.4	80.4	81.7	77.1
23	63.5	65.3	65.2	61.6	70.4	80.1	81.7	89.5
24	63.6	65.0	65.8	65.5	70.4	79.9	81.3	90.0
25	63.4	65.0	64.6	63.9	70.6	80.2	81.0	89.3
26	64.0	65.1	65.3	67.2	70.5	80.6	81.3	87.5
27	63.8	65.0	65.5	62.1	70.5	80.5	82.1	89.6
28	62.5	64.9	65.3	63.0	71.4	80.0	81.9	90.3
29	62.2	64.4	65.4	69.0	71.0	79.2	81.4	89.5
30	62.4	64.1	65.4	71.2	70.3	79.6	80.9	88.8
31	62.8	64.2	64.2	65.2	70.3	79.8	80.4	87.1
32	61.9	64.1	63.3	55.9	70.4	79.7	81.1	73.9
33	62.1	63.9	64.7	66.4	70.5	79.5	81.8	89.8
34	62.3	63.7	65.8	71.7	70.2	79.7	81.1	88.6
35	62.7	63.9	64.1	66.7	70.2	79.9	80.3	87.4
36	62.9	64.0	64.2	63.0	70.4	80.1	80.9	88.2
37	62.9	64.1	63.9	61.3	70.5	80.2	81.3	88.1
38	62.7	64.1	63.6	62.1	70.5	80.3	81.3	88.9
39	8.56	64.2	65.7	64.0	70.6	80.4	81.2	87.0
40	62.9	64.2	64.3	64.1	70.6	80.5	81.4	88.3
41	63.1	64.3	64.7	64.5	70.7	80.6	81.1	87.3
42	63.1	64.4	64.5	64.0	70.9	80.8	81.3	87.4
43	63.1	64.5	65.0	65.2	71.1	80.9	81.3	86.5
44	63.0	64.5	63.8	61.8	71.1	81.0	81.4	86.9
45	63.1	64.5	66.6	68.0	71.0	80.9	82.4	87.7



... Ambient

Bottom of Bag

Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42626,

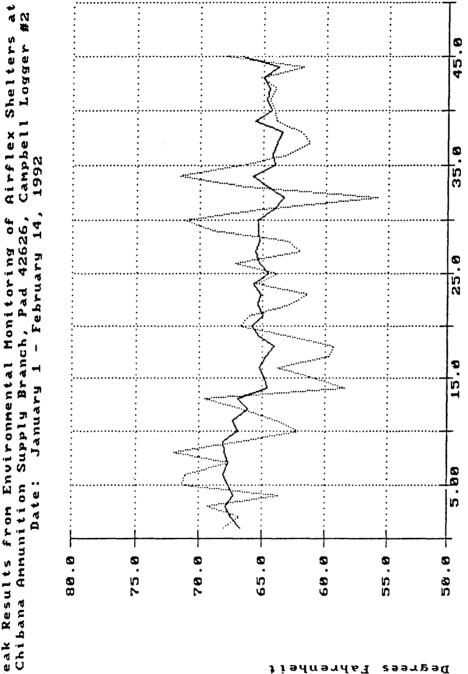


ot Bag

Middle

Ambient

Peak Results from Environmental Monitoring of

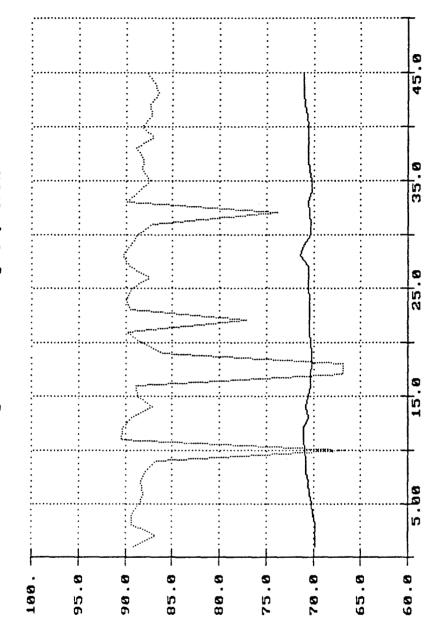


Fahrenheit Degrees ot Bag dol _enperatuaT

Julian Date

" Ambient

<u>ب</u> Campbell Logger #2 Airflex Shelters 1992 Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42626, Date: January 1 - February 14,

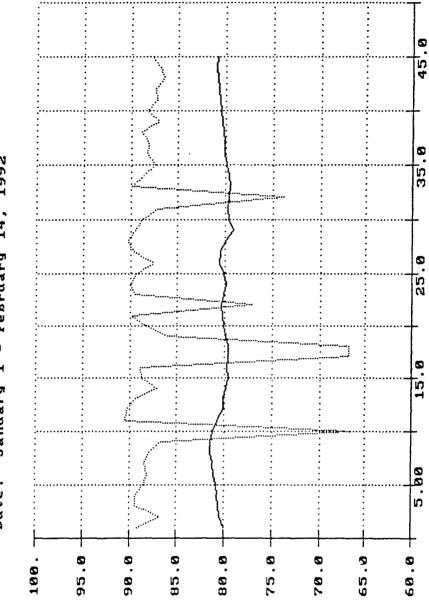


Ambient

Julian Date

Humidity at Botton of Bag #1. Percent Humidity

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: January 1 - February 14, 1992

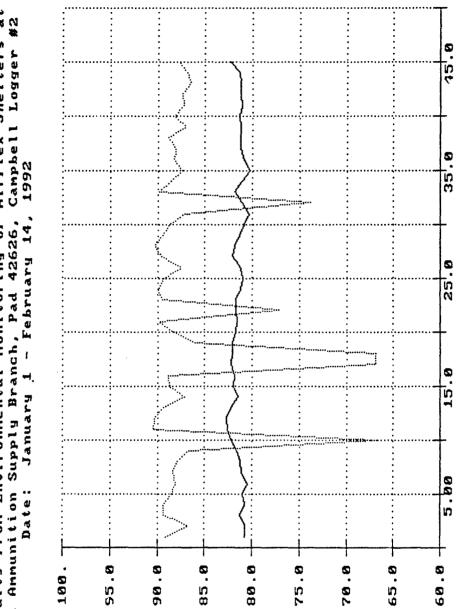


Ambient

Julian Date

Percent thiddle of Bed #3 Percent Hunidity

Airflex Shelters Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger Date:



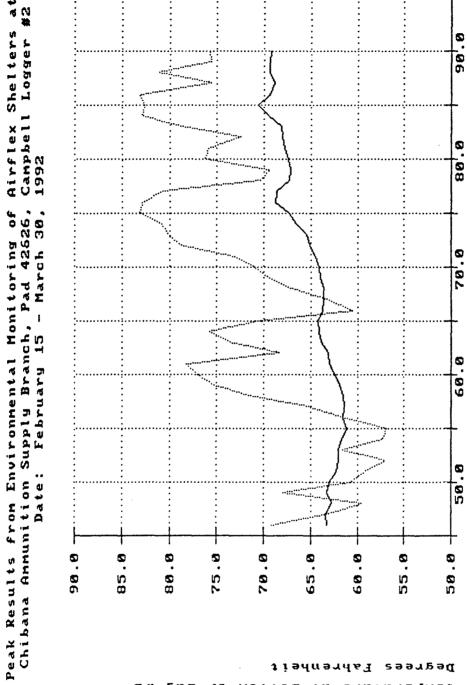
40 dol Byd

Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: February 15 - March 30, 1992

	<	Temperatu	ire	•••>	<	Humidity	,	>
Julian	Bottom	Middle	Тор	Ambient	Bottom	Middle	Top	Ambient
Date	Bag #1	Bag #3	Bag #4	70	Bag #1	Bag #3	Bag #4	70.2.10.11
	Chan 2	Chan 3	Chan 4	Chan 8		Chan 3	Chan 4	Chan 8
	Citati E	Citari 5	Endir 4	Citati G	Circle E	U	Chair 4	Citair C
46	63.2	64.6	64.7	59.2	71.4	81.2	82.1	87.1
47	63.3	64.7	65.1	63.0	71.3	81.3	82.0	86.3
48	8.56	64.6	62.9	59.4	71.2	81.0	82.5	87.9
49	63.2	64.5	65.9	68.1	71.4	81.0	83.0	87.1
50	63.0	64.6	63.3	60.8	71.1	81.1	82.2	86.9
51	62.3	64.5	62.4	59.2	71.3	80.9	82.4	87.3
52	62.0	64.3	62.9	57.0	71.2	80.5	82.3	76.7
53	62.0	64.0	65.4	61.7	71.0	80.3	82.4	87.5
54	61.6	63.8	62.1	57.2	71.0	80.2	82.4	87.7
55	61.2	63.6	61.6	56.8	70.8	80.1	82.6	82.7
56	61.5	63.2	66.2	61.3	70.8	80.3	82.5	77.3
57	61.4	63.2	69.0	65.4	71.2	80.5	82.4	89.1
58	61.6	63.3	73.3	71.5	71.6	80.8	81.7	88.4
59	61.9	63.5	75.5	75.3	72.2	81.1	80.9	87.6
60	62.5	63.9	78.1	77.0	73.2	82.3	81.7	86.5
61	63.1	64.5	77.8	78.2	74.0	83.6	83.0	85.9
62	63.2	64.7	70.1	68.3	73.8	82.1	83.2	85.4
63	63.8	65.7	75.3	73.7	74.9	85.2	83.5	85.1
64	64.1	66.3	71.5	75.9	74.8	84.4	83.9	84.8
65	64.3	66.5	69.9	70.6	75.0	84.1	84.2	84.4
66	63.7	66.3	66.4	60.5	74.9	82.5	83.7	84.5
67	63.6	65.8	65.0	63.4	74.2	82.2	84.8	79.3
68	63.7	65.6	65.6	67.1	73.9	82.2	83.9	87.0
69	64.0	65.6	68.1	69.5	74.0	82.4	83.3	85.5
70	64.2	65.7	68.1	71.0	74.2	82.6	83.3	86.1
71	64.5	65.7	72.1	73.3	75.0	82.6	83.3	85.8
72	65.0	66.1	76.4	78.9	76.7	83.5	84.1	84.7
73	65.5	66.8	76.8	80.0	77.9	84.8	84.6	84.7
74	66.5	68.8	83.6	80.9	82.2	91.5	84.2	84.9
75	67.4	70.6	86.2	83.2	84.2	90.5	83.6	84.9
76	68.8	73.9	90.3	83.0	86.0	89.1	83.7	84.3
77	68.7	73.8	90.1	80.7	36.8	87.8	83.7	85.6
78	67.3	72.5	80.0	70.4	84.2	87.2	84.8	84.6
79	67.1	71.9	74.7	69.4	83.8	85.3	85.5	86.0
80	67.5	71.8	74.6	76.3	83.0	85.1	86.3	84.3
81	67.9	71.8	77.6	75.9	83.2	85.1	86.2	83.1
82	68.1	71.9	80.2	72.5	83.2	85.7	83.9	85.2
83	68.2	72.1	80.6	78.9	83.2	86.0	84.0	85.6
84	69.6	73.2	83.1	83.0	84.9	87.6	84.8	84.7
85	70.6	74.8	85.4	82.7	86.1	87.5	84.6	84.2
86	69.4	73.9	81:4	83.1	85.1	86.5	85.0	84.2
87	69.0	73.9	77.9	75.6	84.5	86.4	84.7	84.7
88	69.4	74.0	78.4	81.1	84.5	86.2	84.9	84.4
89	69.4	73.9	75.9	75.7	84.0	85.9	85.5	83.6
90	69.3	73.4	74.6	75.8	82.5	84.9	86.3	84.1

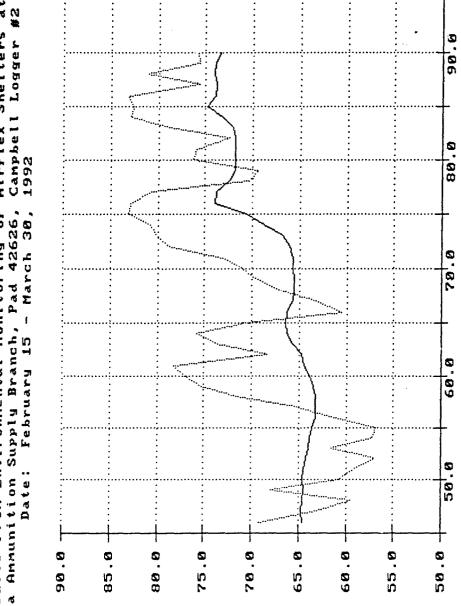
Airflex Shelters at Campbell Logger #2



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Ambient

Airflex Shelters at Campbell Logger #2 1992 Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42626, Date: February 15 - March 30,



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Middle

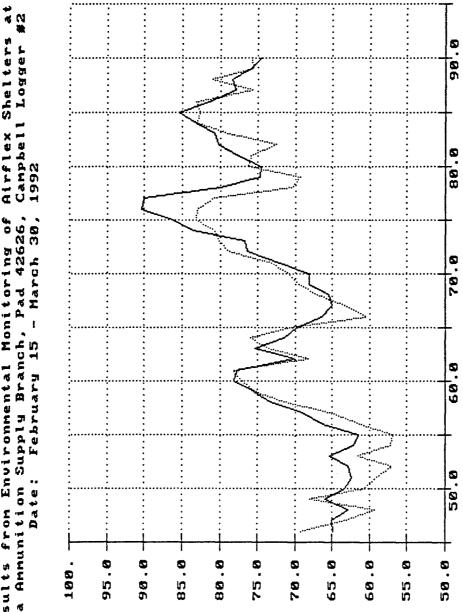
Ambient

Julian Date

Degrees Fahrenheit

Persture

Airflex Shelters Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42626,

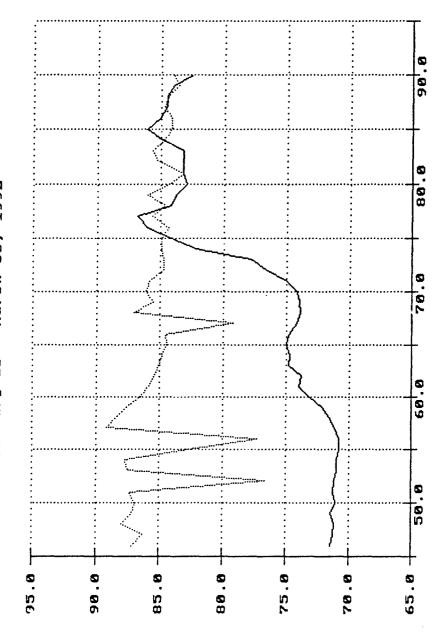


Ambient

Julian Date

Degrees Fahrenheit qol Ded 10

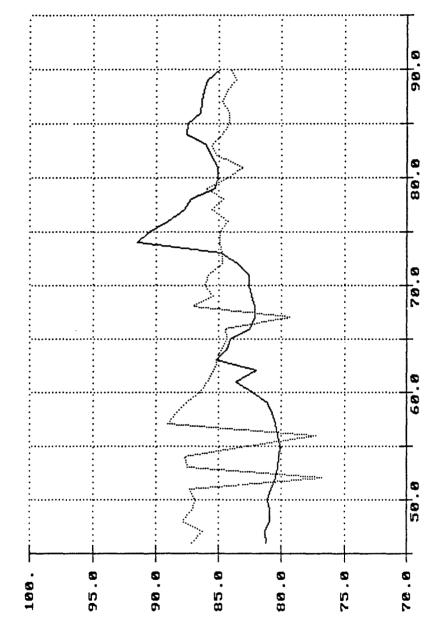
Airflex Shelters at Campbell Logger #2 1992 Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42626, Date: February 15 - March 30,



... Ambient

Humidity at Bottom of Bay #1. Percent Humidity

Campbell Logger #2 1992 Airflex Shelters Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42626, Date: February 15 - March 30,



ot Bag

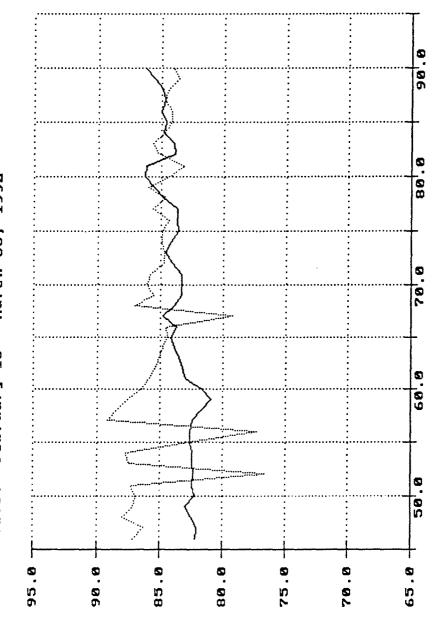
Ambient

Julian Date

Percent Humidity

Humidity at Middle

Airflex Shelters at Campbell Logger #2 1992 Peak Results from Environmental Monitoring of Chibana Ammunition Supply Branch, Pad 42626, Date: February 15 - March 30,



Ambient

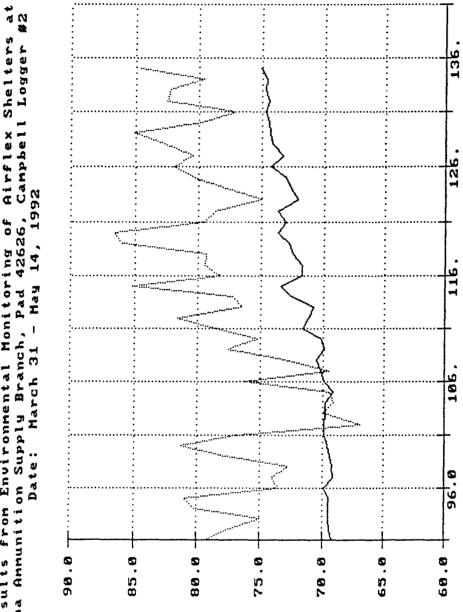
Julian Date

Humidity at Top of Bag #4 Percent Humidity

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: March 31 - May 14, 1992

	< Temperature		><		Humidity		>	
Julian	Bottom	Middle	Top	Ambient	Bottom	Middle	Top	Ambient
Date	Bag #1	Bag #3	Bag #4		Bag #1	Bag #3	Bag #4	
	Chan 2	Chan 3	Chan 4	Chan 8	Chan 2	Chan 3	Chan 4	Chan 8
			-	4,,,,,,,	•			
91	69.3	73.1	74.6	79.2	82.3	84.8	86.3	84.2
92	69.4	73.0	74.8	77.6	82.1	84.8	87.0	82.9
93	69.5	72.9	73.5	74.9	81.7	84.7	86.6	83.7
94	69.6	72.5	75.4	80.2	81.4	84.7	86.5	83.7
95	69.6	72.5	76.5	81.0	81.7	85.0	87.0	82.6
96	69.9	72.4	81.1	73.6	82.4	84.8	85.5	85.3
97	69.2	72.1	77.2	74.1	81.0	84.3	86.4	85.9
98	69.3	71.9	75.3	72.8	80.8	84.2	86.2	84.5
99	69.5	72.2	79.1	77.7	80.9	85.1	86.3	84.2
100	69.7	72.4	77.5	81.3	81.4	85.3	85.9	84.2
101	69.9	72.4	74.5	76.9	80.9	85.0	86.6	83.8
102	69.9	72.2	71.4	66.9	80.1	84.5	87.2	85.9
103	69.9	71.5	77.6	70.1	78.9	83.5	86.8	84.7
104	69.9	71.2	79.3	69.2	79.3	83.4	83.7	84.1
105	69.2	70.7	77.5	69.5	77.4	83.3	85.9	86.3
106	70.0	70.6	85.6	76.2	79.4	83.6	84.5	86.2
107	70.2	70.6	84.3	69.6	80.3	84.0	84.6	86.1
108	70.6	70.7	90.4	73.1	81.3	84.4	82.8	87.0
109	69.9	70.8	86.1	77.6	81.3	84.4	84.7	86.6
110	70.2	71.2	81.2	75.3	82.0	84.3	85.5	85.0
111	71.7	72.2	87.7	78.6	84.0	86.6	84.9	85.0
112	71.2	73.0	0.83	81.6	84.4	87.2	84.8	84.8
113	70.8	73.1	81.3	76.5	83.1	86.4	85.0	84.3
114	72.6	73.8	86.4	77.3	84.6	87.0	85.2	84.9
115 116	73.5 71.8	75.1 74.9	93.3	85.1 78.2	85.9 84.5	88.7 87.4	85.0 84.2	84.7
117	71.8	75.1	84.5 82.3	79.4	83.9	86.9	85.1	84.0 84.1
118	72.5	75.1	32.6	79.4	84.2	86.3	85.2	83.1
119	72.8	75.6	84.6	85.0	84.3	87.0	85.2	83.4
120	73.7	76.6	88.2	86.6	85.5	87.3	85.6	82.5
121	73.1	76.3	82.7	79.5	85.0	87.0	85.3	84.8
122	73.7	76.4	87.8	78.6	85.4	86.8	85.1	85.0
123	72.1	75.9	80.3	75.0	81.8	85.3	86.3	85.7
124	72.7	75.3	84.3	77.8	83.2	84.9	85.8	85.0
125	73.1	75.4	89.1	80.4	83.7	85.7	85.3	84.8
126	74.3	75.8	90.7	82.0	86.9	86.7	85.8	84.4
127	73.4	76.3	89.6	80.5	84.8	87.1	86.1	84.4
128	74.2	77.2	92.2	82.7	85.8	86.9	85.7	84.2
129	74.3	78.1	92.3	85.0	86.0	87.3	86.4	83.7
130	74.4	77.8	85.5	79.7	84.6	87.1	85.6	84.0
131	74.8	77.8	83.3	77.0	83.3	86.6	86.1	83.0
132	74.5	78.0	87.6	82.5	83.6	86.6	86.3	84.2
133	74.7	78.2	88.7	82.2	84.6	86.6	86.2	84.0
134	74.6	78.2	82.8	79.6	83.6	86.4	86.0	82.9
135	75.1	78.2	85.0	84.7	83.1	86.3	85.6	82.8

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: March 31 - May 14, 1992



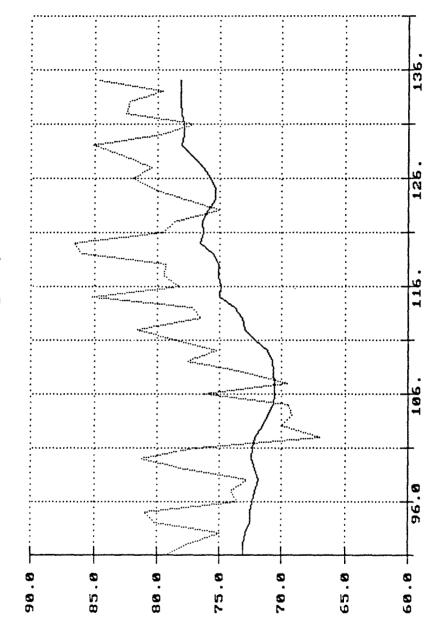
Degrees Fahrenheit Temperature at Bottom of Bag

Julian Date

··· Ambient

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Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: March 31 - May 14, 1992

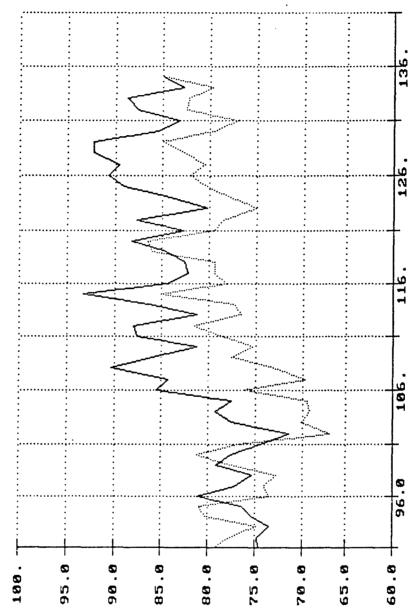


Ambient

Temperature at Middle of Bag # Degrees Fahrenheit

... Ambient

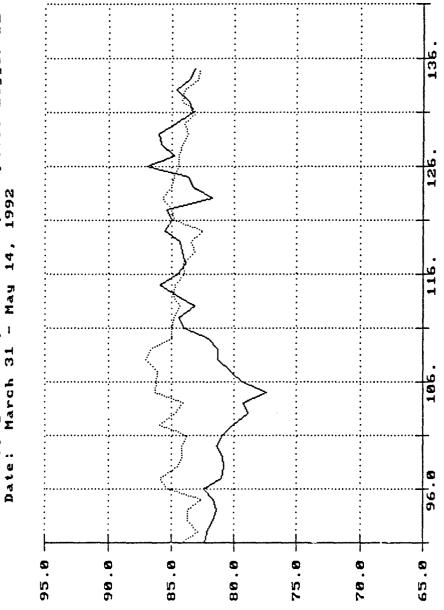




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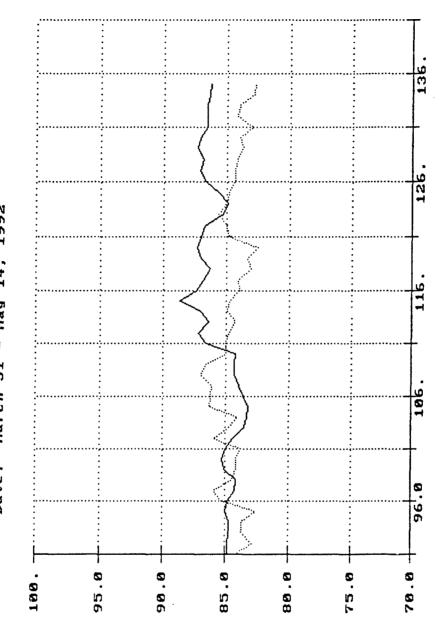
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Peak Kesults from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: March 31 - May 14, 1992



Humidity at Botton of Bag #1 Percent Humidity

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: March 31 - May 14, 1992

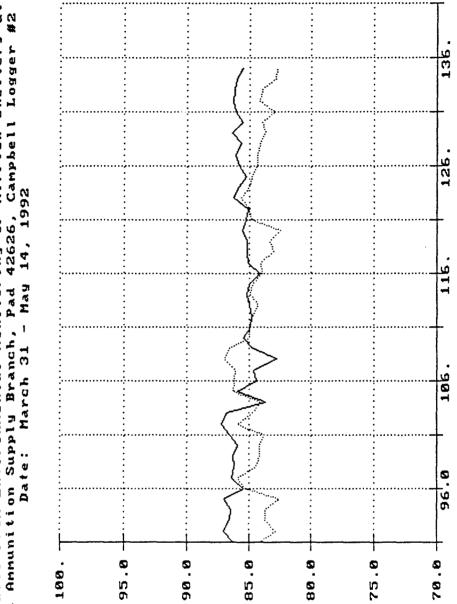


Humidity at Middle of Bag #: Percent Humidity

Julian Date

---- Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: March 31 - May 14, 1992



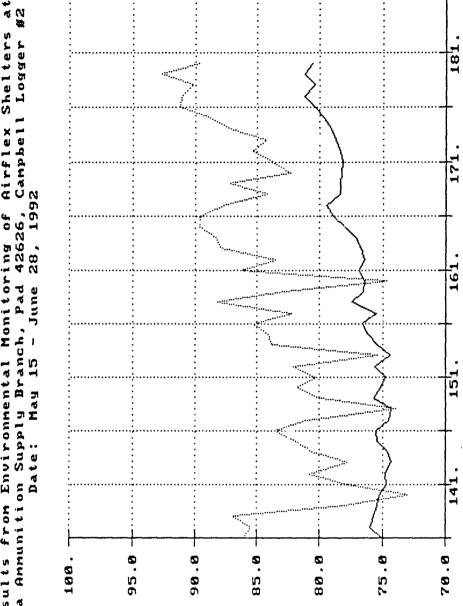
ot Bag qo T Julian Date

Ambient

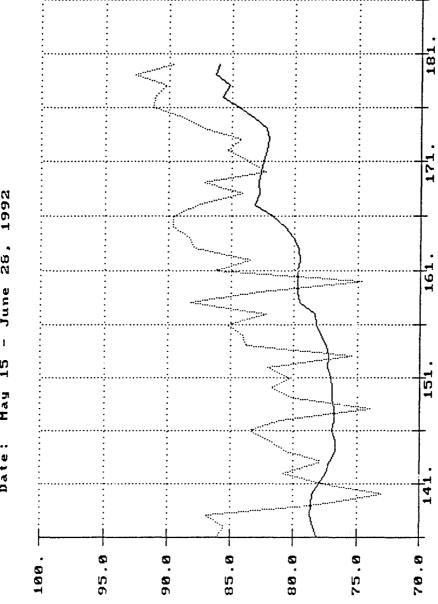
Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: May 15 - June 28, 1992

	<	Temperatu	ıre	>	<	Humidity	,	>
Julian	Bottom	Middle	Тор	Ambient	Bottom	Middle	Top	Ambient
Date	Bag #1	Bag #3	Bag #4		Bag #1	Bag #3	Bag #4	
	Chan 2	Chan 3	Chan 4	Chan 8	-	Chan 3	Chan 4	Chan 8
136	75.1	78.2	86.3	86.2	83.7	86.4	85.9	82.7
137	76.0	78.5	92.4	85.5	84.8	86.8	86.1	82.9
138	75.7	78.7	91.0	87.0	84.5	87.0	86.3	82.5
139	75.4	78.7	85.3	77.9	83.5	86.8	86.3	84.0
140	75.2	78.6	81.3	72.9	81.1	86.4	87.5	85.0
141	74.7	78.0	81.1	77.7	81.0	85.7	88.2	83.2
142	74.8	77.5	85.5	80.9	81.2	85.5	87.5	84.0
143	74.4	77.2	81.7	77.7	80.0	85.4	87.1	83.8
144	74.6	76.8	86.3	80.6	81.1	85.4	86.7	84.2
145	75.5	76.8	94.2	81.9	83.2	85.9	86.0	84.6
146	75.6	77.0	96.3	83.5	83.8	86.4	86.7	84.5
147	74.6	76.9	87.6	81.1	81.7	85.8	87.3	84.4
148	74.3	76.8	83.6	73.9	80.7	85.6	87.1	84.2
149	75.7	77.0	97.0	80.0	83.4	86.0	86.6	86.0
150	75.2	77.0	94.4	81.8	83.1	86.0	86.8	85.5
151	74.8	77.1	91.9	80.3	82.3	85.9	86.8	84.9
152	75.6	77.3	91.7	82.0	83.3	86.0	86.8	84.5
153	74.4	77.3	83.3	75.4	81.2	85.6	86.5	84.5
154	75.4	<i>7</i> 7.5	91.2	83.8	83.2	85.9	86.3	85.0
155	76.2	77.9	98.6	84.1	84.5	86.7	85.8	84.8
156	76.6	78.2	97.4	85.3	84.9	86.9	85.8	84.4
157	75.5	78.4	90.4	82.2	83.7	86.5	85.9	83.8
158	77.5	79.6	98.4	88.3	86.0	88.1	86.8	82.6
159	76.6	79.8	90.6	82.8	85.2	87.4	86.1	83.5
160	76.4	79.8	85.7	74.6	82.1	87.0	85.4	84.4
161	76.9	79.7	92.4	86.3	83.4	86.8	86.4	84.3
162	76.4	79.5	86.5	83.4	82.1	86.4	86.6	83.1
163	76.7	79.7	90.2	87.9	83.0	86.6	86.3	81.0
164	77.2	80.2	96.7	88.4	84.5	87.4	86.7	81.6
165	78.0	80.8	99.8	89.6	85.8	87.9	87.0	81.7
166	78.9	81.8	102.1	89.6	87.4	88.4	87.2	81.3
167	79.5	83.1	103.4	87.7	88.2	88.5	86.8	81.8
168	78.4	82.8	94.6	84.2	87.2	87.7	85.5	81.8
169	78.4	82.9	93.5	87.3	86.7	87.5	85.6	82.7
170	78.3	82.7	89.5	82.4	85.1	87.0	85.5	82.6
171	78.2	82.5	87.4	83.8	84.2	86.7	85.8	82.9
172	78.4	82.3	92.6	85.4	85.3	86.8	85.9	83.5
173	78.8	82.1	100.2	84.3	86.1	87.0	85.6	83.4
174	79.1	82.3	98.5	87.2	86.1	86.5	85.5	83.1
175	79.6	83.3	101.0	88.7	86.8	87.2	85.8	82.1
176	80.4	84.5	105.5	91.2	88.7	87.1	86.0	82.9
177	81.3	85.8	108.0	91.1	89.0	88.2	85.9	82.4
178	80.4	85.2	101.1	90.2	88.7	87.5	85.5	82.2
179	81.2	86.3	104.1	92.6	89.3	87.0	85.3	82.5
180	80.6	86.0	101.4	89.6	88.7	87.5	85.7	82.6

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: May 15 - June 28, 1992



Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger # Date: May 15 - June 26, 1992



Fahrenheit

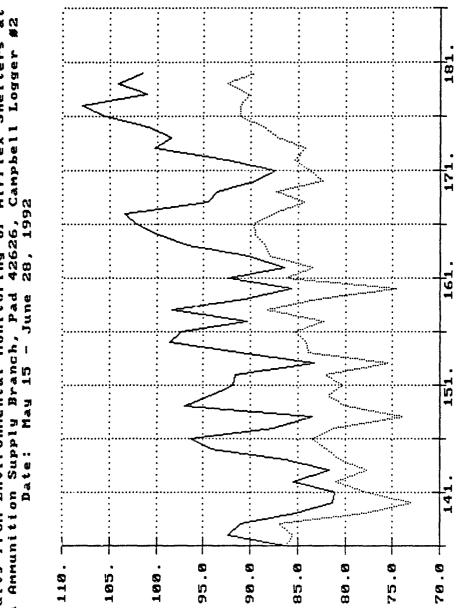
Middle

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Ambient

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger : Date: May 15 - June 28, 1992



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Julian Date

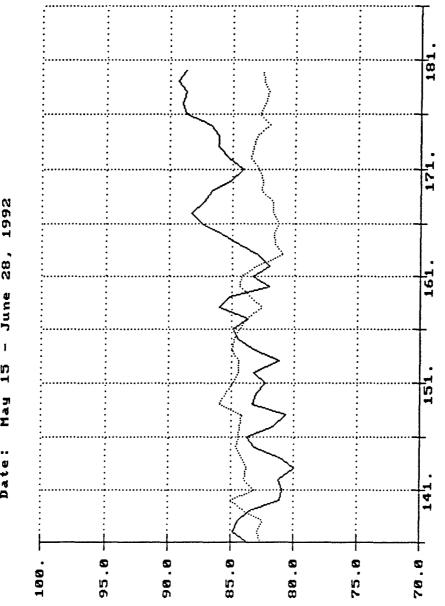
peakeez

Fahrenheit

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Ambient

Peak Results from Environmental Monstoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: May 15 - June 28, 1992

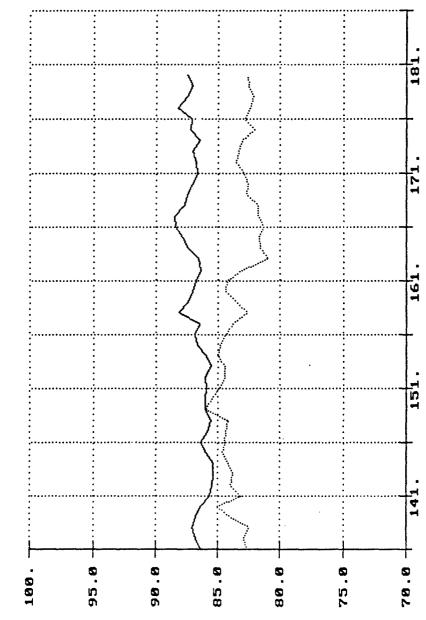


... Ambient

Julian Date

Humidity at Bottom of Bay # Percent Humidity

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: May 15 - June 28, 1992

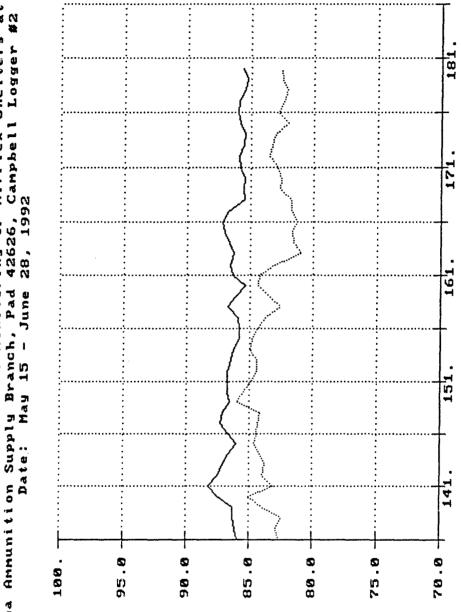


Percent Humidile of Bag #3

Julian Date

--- Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: May 15 - June 28, 1992

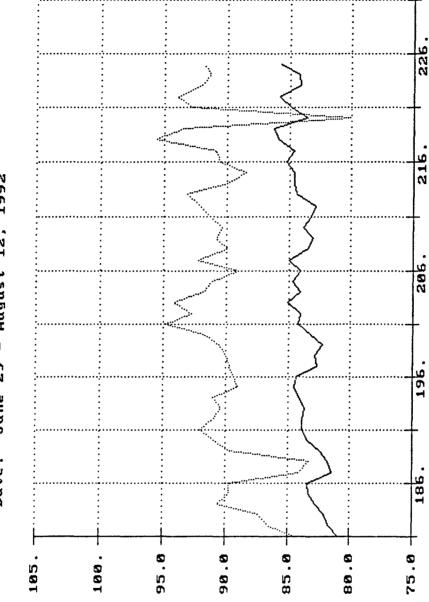


Top of Bag te PibimuH Ambient

Peak Results from Environmental Monitoring of Airflex Shalters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: June 29 - August 12, 1992

	<	Temperatu	re	>	<	Humidity		>
Julian	Bottom	Middle	Top	Ambient	Bottom	Middle	Top	Ambient
Date	Bag #1	Bag #3	Bag #4		Bag #1	Bag #3	Bag #4	
	Chan 2	Chan 3	Chan 4	Chan 8	•	Chan 3	Chan 4	Chan 8
			*		•	•		
181	80.9	85.6	93.3	84.5	86.3	86.7	84.7	83.0
182	81.6	85.7	104.4	86.5	87.8	87.0	84.9	83.3
183	82.1	86.3	105.6	87.4	88.2	87.0	84.7	93.0
184	82.8	87.9	110.8	90.6	89.3	87.8	85.3	83.1
185	83.4	88.6	111.6	89.8	90.0	86.7	84.0	82.8
186	83.5	89.0	111.5	89.8	90.2	87.1	84.2	82.6
187	81.4	87.9	99.5	84.2	88.8	86.3	82.3	84.0
188	81.8	86.9	92.1	83.4	85.8	85.4	82.3	81.4
189	82.4	86.7	100.8	89.6	86.9	85.8	82.2	82.2
190	83.4	87.7	106.9	91.0	88.5	86.4	84.3	82.6
191	84.0	88.4	111.6	92.1	88.9	86.9	84.1	82.5
192	83.9	88.7	111.3	91.0	89.7	87.3	83.7	82.5
193	83.8	88.8	110,7	90.4	89.6	86.6	82.7	82.2
194	84.2	89.3	110.3	91.0	89.9	86.7	82.3	83.1
195	84.6	90.0	113.3	89.1	90.1	86.8	82.7	83.2
196	84.4	89.8	112.0	89.3	90.2	86.2	82.7	83.3
197	82.7	88.8	107.1	89.8	88.9	86.3	82.8	83.2
198	82.9	88.6	105.5	90.0	88.5	85.5	83.6	83.0
199	82.3	88.7	111.0	90.5	87.5	86.0	83.2	83.0
200	83.3	89.1	112.7	91.8	88.9	86.2	82.0	83.0
201	84.3	89.7	115.0	94.8	89.8	86.6	81.6	82.9
202	84.1	89.9	109.7	92.7	90.1	86.4	82.2	82.5
203	85.2	90.4	112.6	94.2	90.3	86.6	82.3	83.0
204	84.1	90.5	109.9	91.8	90.4	86.3	82.2	83.2
205	84.8	90.4	110.2	91.1	90.2	86.1	81.9	83.4
206	84.1	90.2	103.3	89.1	89.7	85.6	81.8	84.1
207	85.1	90.1	110.4	92.3	89.7	85.9	82.4	83.9
208	83.6	89.8	101.2	90.0	88.9	85.5	82.5	83.6
209	83.1	89.4	99.8	90.8	87.1	85.4	81.9	83.5
210	83.9	89.0	103.4	90.3	88.1	85.4	82.6	83.7
211	83.2	88.7	103.6	91.3	86.6	85.4	83.4	84.1
212	82.9	88.2	102.7	92.1	85.9	85.3	84.4	83.8
213	84.5	88.1	106.0	93.2	87.3	85.6	82.5	83.3
214	84.7	88.3	108.8	89.9	87.5	86.0	83.3	83.2
215	84.7	88.4	109.7	88.5	87.7	86.0	83.7	83.3
216	85.3	88.7	111.3	90.6	88.3	86.1	83.7	83.8
217	84.7	88.8	107.7	90.9	88.1	85.9	83.4	84.3
218	86.0	89.2	115.3	95.6	88.0	86.3	82.7	84.3
219	86.3	89.5	114.3	93.4	88.4	86.4	82.2	84.8
220	83.6	89.1	99.4	80.0	84.9	85.6	81.2	84.4
221	84.9	88.5	104.1	92.8	86.4	85.5	82.4	83.3
222	85.9	88.8	110.1	94.0	86.9	85.9	82.4	83.2
223	84.2	88.6	102.6	92.0	86.2	85.5	81.6	83.8
224	84.3	88.4	101.5	91.3	86.5	85.5	82.0	83.5
225	85.8	88.5	107.7	91.8	86.8	85.7	81.6	83.6

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 1992 August 12, June 29 -Date:

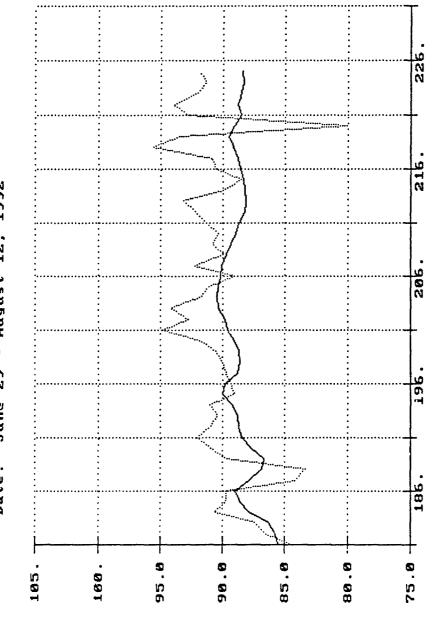


Bottom of Bag #1

Julian Date

Ambient

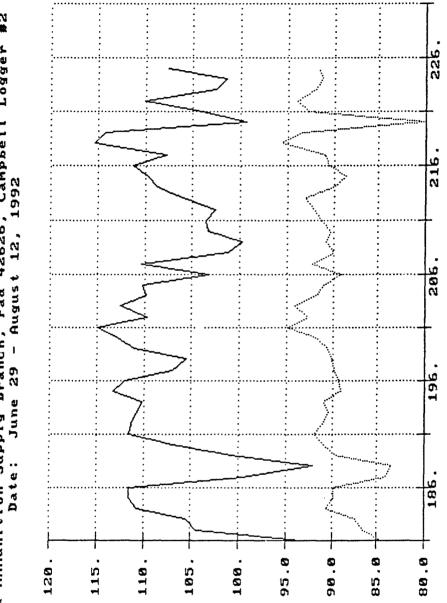
Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger 1 Date: June 29 - August 12, 1992



Ambient

Temperature at Middle of Bay #3

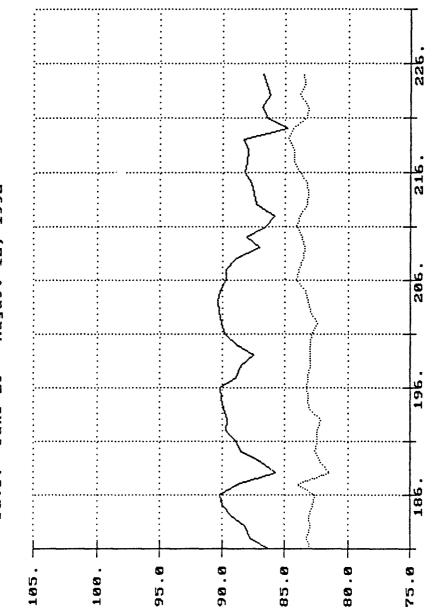
Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger 1 Date: June 29 - August 12, 1992



Temperature at Top of Bag Degrees Fahrenheit Julian Date

--- Ambient

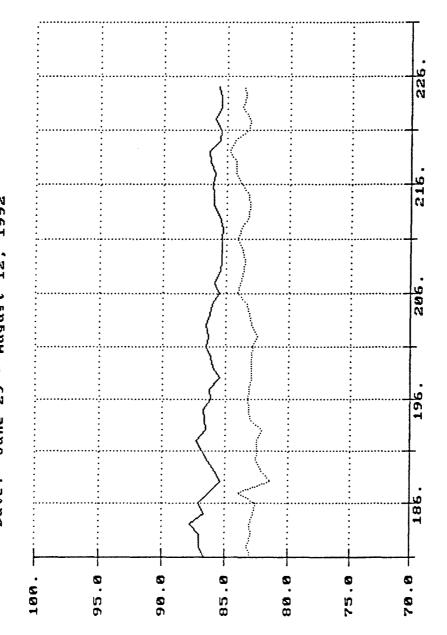
Peak Results from Environmental Monitoring of Airflex Shelters a Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: June 29 - August 12, 1992



Ambient

Humidity at Bottom of Bay #1. Percent Humidity

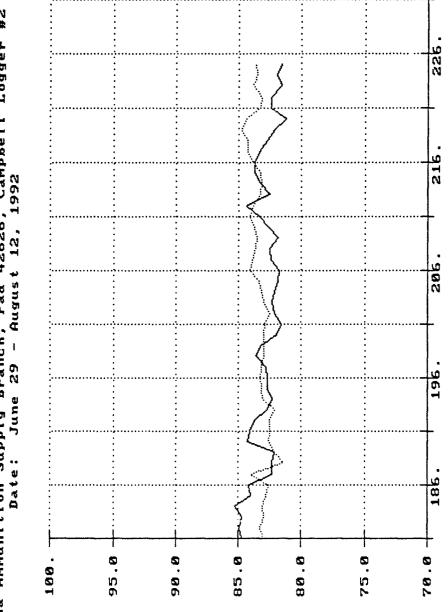
Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: June 29 - August 12, 1992



Percent Humidity of Bag #3 Percent Humidity Julian Date

··· Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: June 29 - August 12, 1992

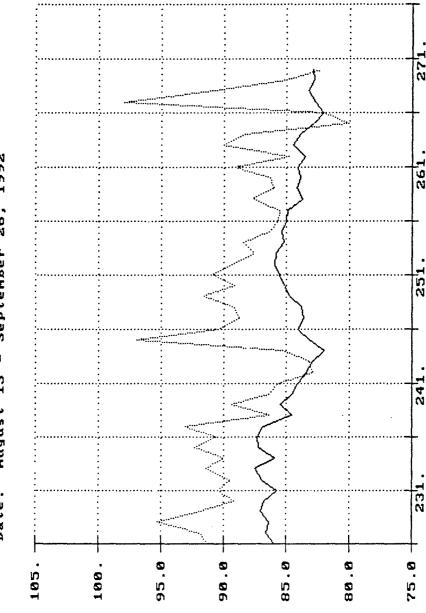


Humidity at Top oo Bag #4 Percent Humidity

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: August 13 - September 26, 1992

	<	Temperatu	ıre	•>	<	Humidity	,	>
Julian	Bottom	Middle	Top	Ambient	Bottom	Middle	Top	Ambiant
Date	8ag #1	Bag #3	Bag #4		Bag #1	Bag #3	Bag #4	
	Chan 2	Chan 3		Chan 8	-	Chan 3	Chan 4	Chan 8
226	86.0	88.6	110,4	91.3	86.9	86.0	81.9	83.5
227	86.6	89.0	112.7	91.8	87.8	86.2	82.1	83.8
228	86.4	89.3	115.0	95.3	87.1	86.5	81.8	84.1
229	87.0	89.6	114.5	91.9	87.9	86.4	81.1	83.9
230	86.8	89.9	113.9	89.2	87.8	86.1	81.4	83.8
231	85.8	89.9	110.5	90.5	87.9	85.8	81.9	84.3
232	87.0	90.4	113.3	89.4	87.9	85.6	82.1	84.2
233	87.5	91.0	116.6	91.4	88.1	85.6	82.1	84.5
234	85.9	90.5	112.3	90.1	86.9	85.5	82.3	84.4
235	87.3	90.7	114.8	92.3	87.6	85.6	81.6	84.2
236	87.3	90.7	115.8	90.6	87.3	85.5	81.3	84.4
237	86.9	90.6	111.1	93.1	87.5	85.4	81.4	83.4
238	84.6	90.2	99.7	86.3	86.7	84.8	80.1	84.4
239	85.5	89.8	101.6	89.4	86.0	84.9	81.0	83.2
240	84.6	89.5	94.8	86.4	85.8	84.9	80.5	83.9
241	84.1	89.1	92.2	85.7	84.0	84.8	81.3	84.7
242	83.5	88.5	89.9	82.9	82.5	84.8	82.2	84.5
243	82.9	87.6	88.1	83.2	82.1	84.7	82.4	84.0
244	82.0	86.7	87.0	85.3	82.1	84.3	83.9	82.2
245	83.2	85.9	97.4	97.0	83.7	84.8	83.9	81.5
246	84.1	85.8	101.5	90.5	84.3	85.1	82.2	82.8
247	83.7	85.9	98.7	88.7	84.8	85.3	83.1	82,7
248	83.8	86.0	97.4	89.3	84.2	85.3	83.1	84.7
249	84.8	86.2	100.8	91.7	84.7	85.5	81.8	83.2
250	85.2	86.5	107.1	89.2	85.0	85.6	81.7	83.6
251	85.6	86.8	107.9	90.9	85.6	85.8	82.3	83.8
252	å 5.9	87.2	110.0	89.4	85.8	86.0	81.6	84.1
253	85.9	87.4	111.0	87.6	85.7	85.9	81.3	84.5
254	85.2	87.6	110.8	88.5	85. 3	85.7	81.2	84.4
255	85.4	87.6	107.2	86.4	85.4	85.4	81.3	82.9
256	85.1	87.5	109.2	85.7	85.4	85.2	80.5	85.0
257	84.9	87.4	108.4	85.6	85.2	85.1	81.3	84.7
258	83.8	87.1	101.8	87.7	85.0	84.7	82.8	84.4
259	84.3	87.0	103.7	86.0	84.4	84.7	82.9	84.9
260	83.9	86.8	102.5	86.3	84.5	84.5	83.0	85.0
261	84.1	86.6	104.8	89.2	83.9	84.6	82.6	84.9
262	83.5	86.5	101.3	£4.9	83.0	84.4	83.2	84.7
263	84.5	86.6	107.3	90.1	84.4	84.9	82.3	84.8
264	83.9	86.6	100.8	88.4	84.4	84.8	82.0	84.2
265	82.8	86.5	92.7	80.1	82.0	84.5	81.5	84.1
266	82.1	86.1	88.7	82.2	82.0	84.6	82.5	81.8
267	82.7	85.7	93.8	97.9	83.2	84.7	82.6	80.3
268	83.3	85.7	101.4	90.8	83.6	84.8	82.3	83.3
269	82.9	85.6	97.4	85.0	83.3	84.8	82.9	83.2
270	82.9	85.5	99.4	82.2	82.8	84.8	81.5	76.6

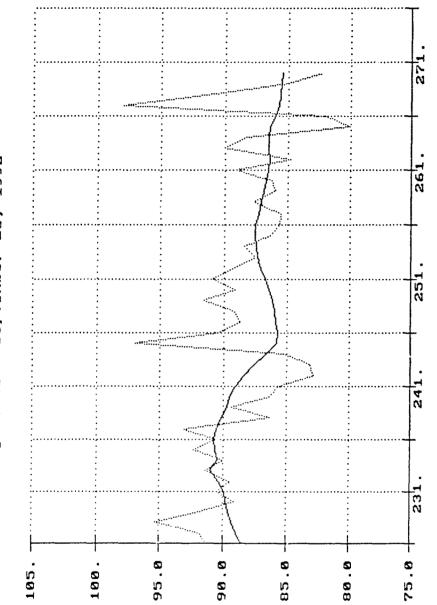
Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: August 13 - September 26, 1992



Bottom of Bag

Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Annunition Supply Branch, Pad 42626, Campbell Logger #2 Date: August 13 - Septenber 26, 1992



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Middle

Degrees Fahrenheit

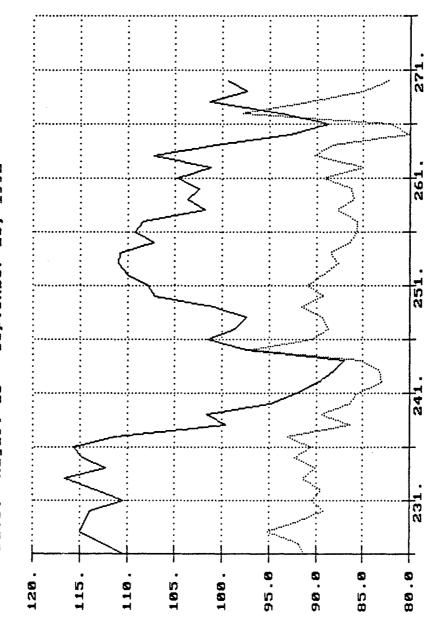
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Julian Date

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Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: August 13 - September 26, 1992



Fahrenheit

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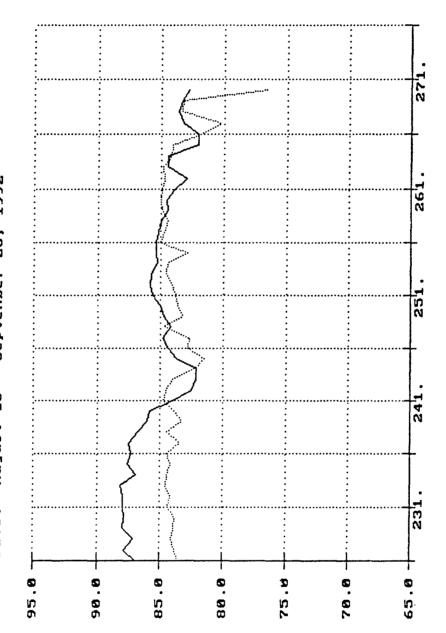
Tenperature

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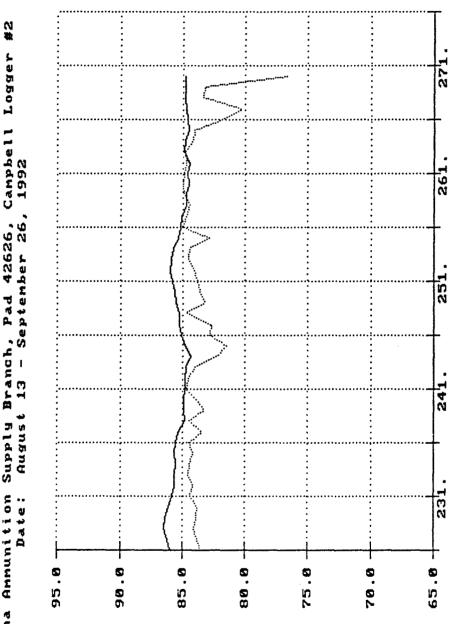
Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 - September 26, 1992 August 13 Date:



Perd to mottod ta ytibimuh Peroent Humidity

Julian Date

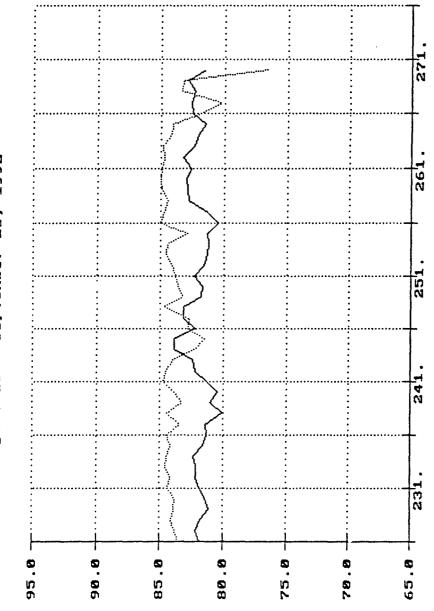
Peak Results from Environmental Monitoring of Airflex Shelters as Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: August 13 - September 26, 1992



Ambient

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Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Peak Results from Environmental Monitoring of Airflex Shelters 1992 - September 26, August 13 Date:



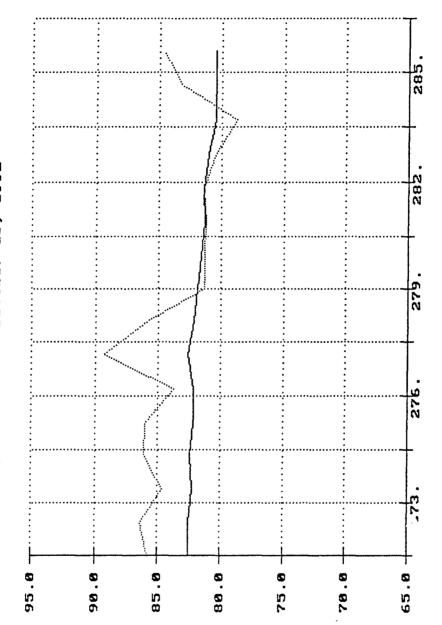
Humidity at Top of Bag # Percent Humidity

---- Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2 Date: September 27 - October 13, 1992

	<	Temperature		><		Humidity		>	
Julian	Bottom	Middle	Тор	Ambient	Bottom	Middle	Тор	Ambient	
Date	Bag #1	Bag #3			Bag #1	Bag #3	Bag #4		
	Chan 2	Chan 3	_	Chan 8	-	Chan 3	Chan 4	Chan 8	
271	82.5	85.4	97.4	85.8	82.2	84.8	81.5	85.1	
272	82.5	85.0	99.3	86.3	82.1	84.6	82.0	85.6	
273	82.2	84.8	95.9	84.6	81.8	84.7	81.5	84.4	
274	82.5	84.6	100.4	86.1	81.7	84.7	82.6	84.4	
275	82.1	84.5	98.5	86.0	81.4	84.8	83.4	84.6	
276	82.2	84.3	100.6	83.7	81.4	84.7	83.3	84.6	
277	82.6	84.5	102.5	89.3	81.7	85.1	82.9	84.0	
278	82.1	84.3	98.4	85.9	81.3	84.7	83.5	83.7	
279	81.8	84.3	96.5	81.3	81.2	84.7	83.7	80.8	
280	81.6	84.1	95.5	81.3	80.8	84.6	83.6	78.2	
281	81.3	84.0	97.6	81.2	80.4	84.4	83.3	85.6	
282	81.4	83.8	95.8	81.4	80.6	84.4	83.2	85.0	
283	81.0	83.6	93.7	80.5	80.1	84.4	84.3	84.2	
284	80.5	83.3	92.9	78.9	79.9	84.3	83.7	83.9	
285	80.5	82.9	88.9	83.2	79.5	84.6	82.3	84.8	
286	80.5	82.6	92.6	84.6	80.0	84.4	83.1	82.8	

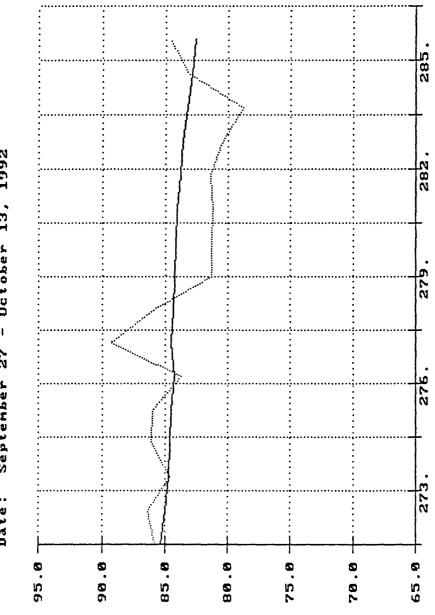
Peak Results from Environmental Monitoring of Airflex Shelters Chibana Annunition Supply Branch, Pad 42626, Campbell Logger Date: September 27 - October 13, 1992



Julian Date

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Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger # - October 13, 1992 September 27 Date:

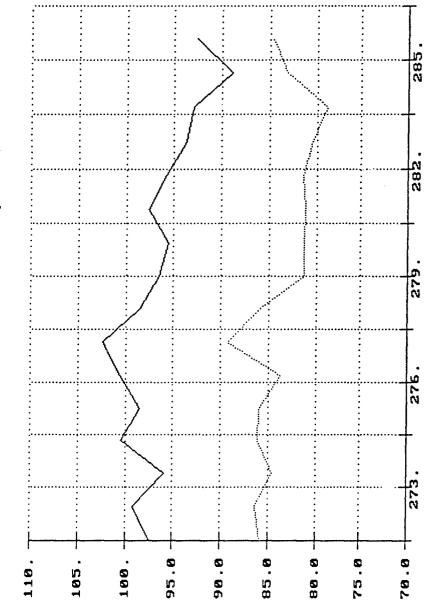


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Julian Date

Peak Results from Environmental Monitoring of Airflex Shelters Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger 1 Date: September 27 - October 13, 1992



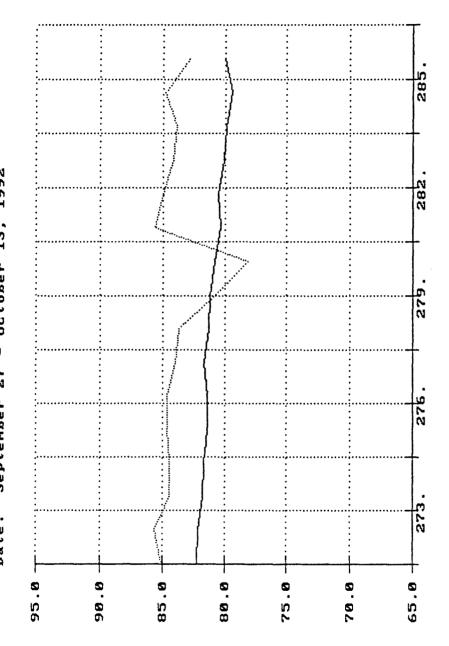
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Julian Date

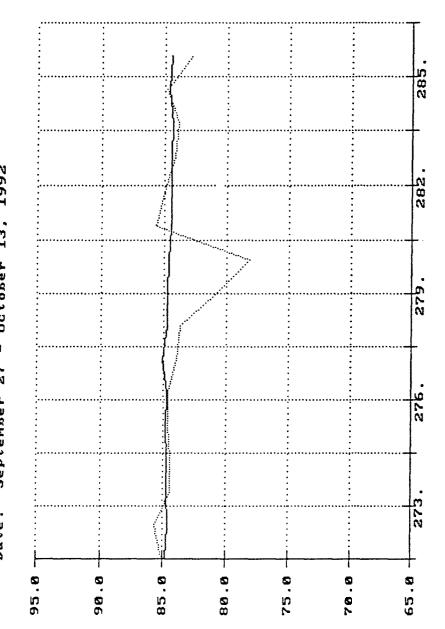
Campbell Logger #2 Peak Results from Environmental Monitoring of Airflex Shelters Chibana Annunition Supply Branch, Pad 42626, Campbell Logger 1 Date: September 27 - October 13, 1992



Humidity at Bottom of Bay # Percent Humidity

Julian Date

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Amnunition Supply Branch, Pad 42626, Campbell Logger #2 Date: September 27 - October 13, 1992

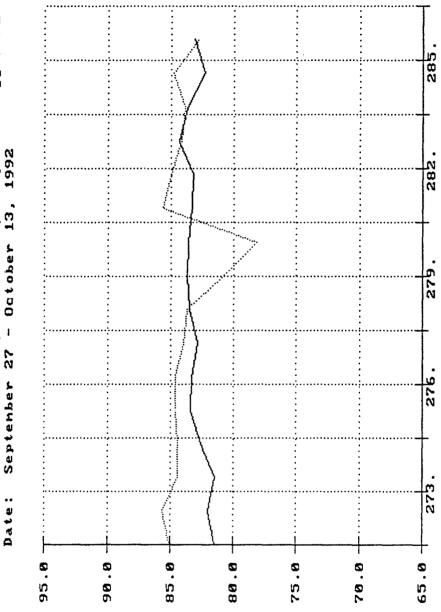


Percent Humidity

Julian Date

... Ambient

Peak Results from Environmental Monitoring of Airflex Shelters at Chibana Ammunition Supply Branch, Pad 42626, Campbell Logger #2



Percent Humidity

Julian Date

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